

COUNTY OF CAMERON §

12:00 Noon

ABSENT

RMA Minutes\July 9, 2015-Regular\Page 1



AGENDA

Regular Meeting of the Board of Directors of the Cameron County Regional Mobility Authority

**Joe G. Rivera and Aurora de la Garza County Annex
1390 West I69E
San Benito, Texas 78586**

Thursday, July 9, 2015

12:00 Noon

Accepted for Filing in:
Cameron County
On: Jul 06, 2015 at 09:21A
By:
Maggie Pena

PUBLIC COMMENTS:

- 1. Public Comments**

PRESENTATIONS, RESOLUTIONS AND/OR PROCLAMATION ITEMS:

- 2. Presentations/Resolutions/Proclamations**

- A. Presentation and Acknowledgement of the GEC Report for June 2015**
- B. Presentation of the Status of the SH 550 Direct Connector Project for June 2015**

CONSENT ITEMS:

- 3. All Item(s) under the Consent RMA Agenda are heard collectively unless opposition is presented, in which case the contested Item will be considered, discussed, and appropriate action taken separately**

- A. Consideration and Approval of the Minutes for:**

June 11, 2015 – Regular Meeting

ITEMS FOR DISCUSSION AND ACTION:

- 4. Action Items**

- A. Approval of Claims**
- B. Consideration and Approval of the monthly Financial Statements for June 2015**

- C. Discussion and Possible Action regarding the Queen Isabella Memorial Causeway Bicycle/Pedestrian Lane Study
- D. Discussion and Possible Action regarding status by Fagan Consulting on RFP for Back Office Solutions and Bridge Interoperability
- E. Consideration and Approval of a Work Authorization with the Central Texas Regional Mobility Authority for a Host Server
- F. Consideration and Approval of Interlocal Agreement between the Cameron County Regional Mobility Authority and the Texas Department of Transportation regarding TxTags
- G. Consideration and Approval of Supplemental Work Authorization No. 1 to Work Authorization No. 1 with S&B Infrastructure for the SH 550 Project
- H. Consideration and Approval of the SH 550 Supplemental Agreement No. 4 to Agreement for Professional Services with S&B Infrastructure
- I. Consideration and Approval of Work Authorization No. 2 with S&B Infrastructure for the SH 550 Gap Project

EXECUTIVE SESSION:

5. Executive Session

- A. Confer Legal Counsel on possible litigation regarding the claim of David C. Garza and Diane M. Garza pursuant to Vernon Texas Code Annotated (V.T.C.A.), Government Code, Section 551.071(1)(a)

6. Action Relative to Executive Session

- A. Possible Action

ADJOURNMENT:

Signed this 6th day of July 2015



David E. Alex
Chairman

NOTE:

Participation by Telephone Conference Call – One or more members of the CCRMA Board of Directors may participate in this meeting through a telephone conference call, as authorized by Sec. 370.262, Texas Transportation Code. Each part of the telephone conference call meeting that by law must be open to the public shall be audible to the public at the meeting location and will be recorded. On conclusion of the meeting, the recording will be made available to the public.

PUBLIC COMMENTS

1 PUBLIC COMMENTS

Three public comments were made during the public comment period. Joe E. Vega, Mayor of the City of Port Isabel spoke in favor of Item 4C and also mentioned that he supported the SPI 2nd Access Project. Ramiro Gonzalez, City of Brownsville spoke in favor of Item 4C and he advised the Board that Brownsville City Commissioner Rose Gowen supported the item as well. Fernando Martinez, Bike Texas, spoke in favor of Item 4C and he mentioned that perhaps a toll could be placed on bikes to fund the project. No other comments were presented to the Board.

PRESENTATIONS, RESOLUTIONS AND/OR PROCLAMATION ITEMS

2-A Presentation and Acknowledgement of the GEC Report for June 2015

Mr. Richard Ridings with HNTB went over the status of Cameron County Regional Mobility Authority Projects. The Board discussed in detail the status of the West Rail Project, East Loop Project, Outer Parkway and the SPI 2nd Access Project. Chairman David E. Alex asked about the General Brandt Road Project. Executive Director Pete Sepulveda, Jr., provided an update on the Agreement with the City of Pharr.

Secretary Garza moved to acknowledge the GEC Report for June 2015. The motion was seconded by Director Esparza and carried unanimously.

The Report is as follows:

2-B Presentation of the Status of the SH 550 Direct Connector Project for June 2015

Mr. Agustin Ramirez from S&B Infrastructure went over a Power Point Presentation in providing a status report for the SH 550 Direct Connector Project for the month of June 2015. The project is substantially complete and in operation. The Power Point Presentation is attached.

Secretary Garza moved to acknowledge the report on the SH 550 Direct Connector Project. The motion was seconded by Director Barrera and carried unanimously.

The Power Point Presentation is as follows:

CONSENT ITEMS

ALL ITEM(S) UNDER THE CONSENT RMA AGENDA ARE HEARD COLLECTIVELY UNLESS OPPOSITION IS PRESENTED, IN WHICH CASE THE CONTESTED ITEM WILL BE CONSIDERED, DISCUSSED AND APPROPRIATE ACTION TAKEN SEPARATELY

3-A Consideration and Approval of the Minutes for:

June 11, 2015 – Regular Meeting

Director Esparza moved to approve the minutes of June 11, 2015 Regular Meeting. The motion was seconded by Secretary Garza and carried unanimously.

ACTION ITEMS

4-A Approval of Claims

The attached claims were presented to the Board of Directors for approval.

Mr. Pete Sepulveda, Jr., RMA Executive Director introduced the claims into the record and recommended approval of the Claims.

Director Esparza moved to approve the Claims. The motion was seconded by Director Barrera and carried unanimously.

The Claims are as follows:

4-B Consideration and Approval of the monthly Financial Statements for June 2015

Mr. Adrian Rincones, RMA Controller and Financial Officer went over the attached Financial Statements for the month of June 2015. The Board and Staff had a discussion on the SH 550 crossings and revenues and the projections.

Secretary Garza moved to approve the Financials for the month June 2015. The motion was seconded by Director Lopez and carried unanimously.

The Financials are as follows:

4-C Discussion and Possible Action regarding the Queen Isabella Memorial Causeway Bicycle/Pedestrian Lane Study

Mr. Pete Sepulveda, Jr., RMA Executive Director went over the purpose of the item and the level of work performed up to now. Executive Director Sepulveda then turned over the presentation to Mr. Richard Ridings, HNTB, who went into detail on the options available. Mr. Ridings went over a presentation and responded to questions from the members of the Board. Executive Director Sepulveda advised the Board that he would work with TxDOT to receive answers on some questions that will help provide guidance on how to proceed with the project.

Director Esparza moved to acknowledge the presentation and authorize the Executive Director to work with TxDOT and develop a plan of action to move forward with the project. The motion was seconded by Secretary Garza and carried unanimously.

The Presentation is as follows:

4-D Discussion and Possible Action regarding status by Fagan Consulting on RFP for Back Office Solutions and Bridge Interoperability

Mr. Ron Fagan, Fagan Consulting, went over the status on RFP for Back Office Solutions and Bridge Interoperability. Mr. Fagan went over a Power Point Presentation and discussed the scope and time frame to implement the back office operation. Mr. Fagan mentioned the Interoperability Agreement with the City of Pharr and congratulated the members of the Board because this is the first of its kind in the entire nation. Mr. Fagan then answered questions from the Staff and members of the Board.

Director Esparza moved to acknowledge the status report by Fagan Consulting. The motion was seconded by Director Lopez and carried unanimously.

The Power Point Presentation is as follows:

4-E Consideration and Approval of a Work Authorization with Central Texas Regional Mobility Authority for a Host Server

Director Esparza moved to **TABLE** the item. The motion was seconded by Director Barrera and carried unanimously.

4-F Consideration and Approval of Interlocal Agreement between the Cameron County Regional Mobility Authority and the Texas Department of Transportation regarding TxTags

Director Esparza moved to **TABLE** the item. The motion was seconded by Director Barrera and carried unanimously.

4-G Consideration and Approval of Supplemental Work Authorization No. 2 to Work Authorization No. 1 with S&B Infrastructure for the SH 550 Project.

Mr. Pete Sepulveda, Jr., RMA Executive Director went over the need for this Supplemental Work Authorization. Executive Director Sepulveda advised that Board that this would close out the SH 550 Project and the work performed on the tapering of the approach on the bridge over FM 1847.

Director Barrera moved to approve Supplemental Work Authorization No. 2 to Work Authorization No. 1 with S&B Infrastructure for the SH 550 Project. The motion was seconded by Secretary Garza and carried unanimously.

The Supplemental Work Authorization is as follows:

4-H Consideration and Approval of the SH 550 Supplemental Agreement No. 4 with S&B Infrastructure

Mr. Pete Sepulveda, Jr., RMA Executive Director went over the need to amend the existing Agreement with S&B Infrastructure for the work performed on the SH 550 Project.

Director Barrera moved to approve the SH 550 Supplemental Agreement No. 4 with S&B Infrastructure. The motion was seconded by Secretary Garza and carried unanimously.

The Supplemental Agreement is as follows:

4-I Consideration and Approval of a Work Authorization No. 2 with S&B Infrastructure for the SH 550 Gap Project

Mr. Pete Sepulveda, Jr., RMA Executive Director went over the purpose and need for this Work Authorization stating that the Texas Transportation Commission had allocated \$14 million and the Brownsville MPO has allocated \$4 million to complete the two project gaps on SH 550. Executive Director Sepulveda stated that a redesign needs to occur to ensure that the design meets current interstate standards since SH 550 will be the future Interstate 169. This Work Authorization will cover the redesign, the bidding phase and the construction management for the smaller of the two project gaps. Executive Director Sepulveda recommended approval.

Director Lopez moved to approve Work Authorization No. 2 with S&B Infrastructure for the SH 550 Gap Project. The motion was seconded by Secretary Garza and carried unanimously.

The Work Authorization is as follows:

EXECUTIVE SESSION ITEMS

Secretary Garza moved to go into Executive Session. The motion was seconded by Director Esparza and carried unanimously, the Board met in Executive Session at 1:19 P.M. to discuss the following matter(s):

EXECUTIVE SESSION:

- 5-A Confer with Counsel on possible litigation regarding the claim of David C. Garza and Diane M. Garza pursuant to Vernon Texas Code Annotated (V.T.C.A.), Government Code, Section 551.071(1)(a)

Upon motion by Director Esparza seconded by Secretary Garza and carried unanimously, the Board reconvened into open Session at 1:41 P.M.

ACTION RELATIVE TO EXECUTIVE SESSION:

- 6-A Confer with Counsel on possible litigation regarding the claim of David C. Garza and Diane M. Garza pursuant to Vernon Texas Code Annotated (V.T.C.A.), Government Code, Section 551.071(1)(a)

Director Barrera moved to acknowledge report of Counsel. The motion was seconded by Director Lopez and carried unanimously.

ADJOURNMENT

There being no further business to come before the Board and upon motion by Director Lopez seconded by Secretary Garza and carried unanimously the meeting was **ADJOURNED** at 1:42 P.M.

APPROVED this 13th day of August 2015.


CHAIRMAN DAVID E. ALEX

ATTESTED: 

SECRETARY DAVID N. GARZA

**2-A PRESENTATION AND ACKNOWLEDGEMENT OF THE GEC
REPORT FOR JUNE 2015**

Pete Sepulveda, Jr.
Executive Director
Cameron County Regional Mobility Authority
1100 East Monroe Street
Brownsville, Texas 78520



July 1, 2015

Dear Mr. Sepulveda,

The following is a summary of our progress on the subject projects for the month of June 2015.

Project Management:

General GEC

- Prepared & submitted CCRMA GEC Invoice for work performed on various Work Authorizations from Previous Contract (PC) and Current Contract (CC). Updated and submitted May 2015 GEC report.
- On June 11th, Richard Ridings attended the Regular Meeting of the CCRMA Board of Directors.
- Assisted CCRMA Controller on activities involving reporting and documentation of invoicing, progress reports and other accounting/billing matters.

West Rail Relocation International Coordination (CC – Work Authorization No. 4):

This Work Authorization provides appropriate subconsultant(s) for staff coordination with the Mexican agencies to monitor and determine project schedules, permit requirements, funding technical agreements and design for the West Rail Relocation around Brownsville, Texas. The project plans will require approval by Secretaría de Comunicaciones y Transportes (SCT), Comisión Internacional de Límites Y Aguas (CILA) and Kansas City Southern Mexico (KCSM).

- Construction progress on the Mexican side:
 - International Bridge, 100%
 - Roadway and Patios, 100%
- During the visit to the new railroad bridge that took place on June 11 and the technical meeting on June 12, progress includes the following:
 - Drainage work in the yards access roads will be completed by June 13.
 - The three surveillance booths will be completed June 30.
 - Customs revision platforms, in accordance with customs officials, will have cuts of 10 cm. x 15 cm. and corresponding tests will be performed. Engineer Israel Falcón Jiménez, Construction Resident II from the SCT Center in Tamaulipas agreed to have them ready the last day of June.

- Dr. Arturo de las Fuentes Hernández, Project Coordinator, commented that the 83rd meeting would be the last meeting for the International Railway Brownsville – Matamoros project, which began in 2005.

In addition, it was mentioned that July 15 is the date set for the first train to use the International Brownsville – Matamoros Bridge.

All those who had participated in the project since 2001 were congratulated for their dedication in all different stages of the project. It was highlighted that representatives from the three levels of government on the Mexican side and from the four levels of government on the American side participated. Consultants, constructors, association members and civic organizations also worked on the project.

It was noted that this was a highly-complex project because of the number of participants involved, diversity of interests and its bi-national nature. At the same time it is an emblematic project due to it being the first in its class that has been carried out in the US-Mexico border in the last 100 years.

During the project's orchestration, the goal of both countries, which was cooperation, was achieved. This is reflected in the infrastructure that will initiate operations on July 15. Throughout the 15 years of project implementation there were 4,500 meetings and many challenges to face that were successfully overcome.

It was underlined that in the technical group border culture was always a present issue. A line that divides both countries has not been an obstacle to reach cooperation, understanding, friendship and affection. The technical group is an example of how work with a team like this can make the border a more competitive zone.

- Regarding progress on the American side, the bridge has been delivered to CBP and UPRR, as it was manifested in the Diplomatic Note released by the State Department to the Ministry of Foreign Affairs.
- Regarding crew changes, we are waiting for the official document from Kansas City Southern Mexico to be delivered to the Railroad and Multimodal Transport General Administration so that it may be sent to the Ministry of Foreign Affairs and from there to the National Migration Institute.

It was communicated that on Thursday June 28 a meeting took place between CBP, KCSM and UPRR with the purpose of reaching an agreement regarding the crew exchange. As a result a meeting will take place between CBP, KCSM and UPRR to conclude the process.

- Regarding the end of the delivery reception process of the Mexican Federal Government to Kansas City Southern Mexico, Engineer Alfredo Briano Pérez, Deputy Director for North Regional Coordination from the General Administration of Railroad and Multimodal Transport signaled it will be finished by the end of June and will be ready to initiate railroad operations on July 15.

- Diplomatic Notes. The Ministry of Foreign Affairs is waiting for the official document from the General Administration of Railroad and Multimodal Transport to emit the Diplomatic Notes, which will announce the beginning of operations in July 15.
- Finally, the date has been set for beginning of operations, which is Wednesday, July 15. A meeting will take place at Los Tomates Bridge at 10:30 a.m. From there will go direct to the International Bridge to see the first train pass over the bridge.

South Padre Island Second Access Phase 3A & 3B (PC – Work Authorization No. 17 and CC – Work Authorization No. 2):

This Work Authorization provides engineering and environmental services associated with the development and advancement of the NEPA process for the proposed South Padre Island (SPI) 2nd Access Project in Cameron County, Texas. The proposed Project will provide an alternate route to the Queen Isabella Memorial Causeway; thus, enhancing local and regional mobility, and facilitating effective evacuation of the island in times of disaster, hurricanes, and other emergencies. This Work Authorization continues the environmental and schematic design tasks necessary on the Recommended Preferred Alternative to advance the project to a Record of Decision (ROD).

- HNTB continues to provide assistance and information to CCRMA Board and staff, members of the general public and stakeholders.
- Coordination, including weekly meetings, with TxDOT Pharr District, TxDOT ENV and FHWA has been on-going regarding the FEIS tasks.
- Submitted responses to TxDOT's 90% submittal comments.
- Continued coordination with subconsultants on route and design studies for preparation of 100% submittal (i.e. typical sections, geometric design, preliminary cross sections, preliminary traffic control, 3D modeling, and schematic plan preparation, preliminary construction cost estimate, hydrology, hydraulic studies, drainage design and preliminary bridge layouts).
- Continued coordination with TxDOT Pharr district to include project in STIP.
- Revised master design schedule and submitted to subconsultants for review.
- Coordinated with TPP concerning the Traffic Analysis for Highway Design sheets used to generate ESAL's.
- Conducted traffic operations analysis of selected intersections for future no-build and future build, including AM and PM peak hour and tourist peak conditions. Also evaluated evacuation times with and without the 2nd access.
- Continued coordination with subconsultants on geotechnical services.
- Summary report of Context Sensitive Solutions (CSS) workshops and survey results are complete and undergoing internal review.
- First draft of Final EIS (12/23) in revision. Comments from CCRMA, TxDOT-Pharr, TxDOT-ENV and FHWA have been received and responses have been prepared.
- Coordinated with subconsultants on FEIS and permitting tasks.
- Responding to TxDOT and FHWA comments on the Seagrass/Wetland Delineation/Vegetation and Habitat Report and Biological Assessment. Finalizing impact calculations and revising reports for submittal to agencies.
- Continued coordination with NMFS and TxDOT on questions concerning the Essential Fish Habitat Assessment.

- Continued coordination with CCRMA, TxDOT, USFWS and Conservation Fund to discuss the potential impacts the Migratory Bird Conservation Lands might have on the project.
- Progressed contracting and coordination with the following subconsultants: SWCA completed remaining archeological work and received concurrence from THC. SWCA also advanced the biological assessment and submitted the revised Draft BA (04/21). SWCA also addressed FHWA comments on the BA and revisions are in progress. Belaire Environmental progressed the mitigation site modeling to validate the plan.
- Coordinated with GLO regarding the timing of application and upland owner coordination for utilization of the mitigation on state owned lands.

General Brant Road/FM 106 Extension (PC – Work Authorization No. 26)

This work authorization provides professional services and deliverables associated with the preparation of a categorical exclusion (to be reviewed by the Federal Highway Administration in anticipation of possible federal funding) and the completion of the Section 404 permitting process (including the development of a conceptual mitigation plan) for the project.

- No activity this billing period.

Olmito Switch Yard & Repair-In-Place Facility (PC – Work Authorization No. 31)

This work authorization provides engineering services throughout the construction duration of the Olmito Switch Yard and Repair-In-Place (RIP) Facility by providing responses to the contractor's Requests for Information, Shop Drawing Review and As-Built construction plans.

- HNTB is assisting with the completion and close out of this project.

West Rail Bypass, CI (PC – Work Authorization No. 33)

This work authorization provides professional services associated with construction inspection phase work for the West Rail Bypass.

- HNTB is assisting with the completion and close out of this project.

Outer Parkway Study (CC – Work Authorization No. 3)

This work authorization provides professional services and deliverables associated with a study for the Outer Parkway. The study is to be performed in a three phase effort to deliver a schematic design for the Outer Parkway project. The phases are:

- HNTB started on Work Authorization for the Environmental Assessment and Route Studies.
- Classification Letter was signed by TxDOT ENV on February 3rd concurring that the project be classified as an EA and that preparation of an EIS is not required.

West Rail RFIs, As-Built (PC – Work Authorization No. 40)

This work authorization provides construction phase services throughout the construction of the West Rail Relocation Project by providing responses to Requests for Information from the contractor and providing As-Built construction drawings. Also, records keeping will be provided through the use of DashPort.

- No tasks performed for this month.

SH 32 GEC Preliminary Schematic and Environmental Approval (CC – Work Authorization No. 5)

This work authorization provides professional services for oversight, guidance, agency coordination, and issue resolution, necessary to expedite the preliminary development phases of these two SH 32 projects only. The two projects, which each have logical termini and independent utility, extend from US 77/83 to FM 3068 (herein referred to as SH 32-West) and from FM 3068 to SH 4 (herein referred to SH 32-East). The proposed projects are being developed by two prime subconsultants, (S&B Infrastructure, Ltd. and Traffic Engineers, Inc.) under the oversight of HNTB (GEC).

SH 32 West (Consultant – Traffic Engineers, Inc., or TEI):

- Continued project coordination with TEI.
- Archeological field was completed and report writing is underway.
- Coordinated with TxDOT and USFWS to modify land swap below 40 acres. Exhibit was submitted to TxDOT on 5/26.

SH 32 East (Consultant - S&B Infrastructure, Ltd., or S&B):

- Continued project coordination with S&B.
- Biological Assessment was revised per TxDOT comments, reviewed by the GEC and resubmitted to the TxDOT Pharr District for back check.
- Submitted schematic GEC comments to subconsultant on 5/27.
- Submitted EA GEC/TxDOT comments to subconsultant on 5/28.

West Rail Bridge – RFI/Shop Drawings Review and CEI for Security Fencing, Gate, Illumination, and DHS Building Components (US portion of bridge only) (PC – Work Authorization No. 69)

- Continue to review and forward contractor's submittals.
- The contractor continues working on the final punch list items.
- Continue to perform site visits to verify completion of final punch list items.


Consultant Management:

- Continued coordination with subconsultants and S&B Infrastructure as prime consultant on SH 550 Construction management including discussions with USACE officials on wetland mitigation that was performed as part of this project.
- Project was completed and opened to traffic on June 4, 2015 at 4:00 p.m. The project will be toll free for 30 days (July 4, 2015).

Agency Coordination:

- Conducted ongoing discussions with CCRMA staff, TxDOT staff and subconsultants for preparation of SPI 2nd Access project (see specifics above), SH 550, Olmito Switch Yard Repair-In-Place Facility construction project, West Rail construction project, SH 32 East Loop EAs and other miscellaneous items.

Best regards,

A handwritten signature in black ink, reading "Richard L. Ridings, P.E." in a cursive script.

Richard L. Ridings, P.E.

Vice President

cc: Carlos Lopez, P.E.

HNTB

Description: This Work Authorization provides engineering and environmental services associated with the development and advancement of the NEPA process for the proposed South Padre Island (SPI) 2nd Access Project in Cameron County, Texas. The proposed Project will provide an alternate route to the Queen Isabella Memorial Causeway; thus, enhancing local and regional mobility, and facilitating effective evacuation of the island in times of disaster, hurricanes, and other emergencies. This Work Authorization continues the engineering and environmental tasks necessary to advance the project to a schematic design of the Recommended Preferred Alternative, FEIS and ultimately to a Record of Decision (ROD).				
Scope: Prepare schematic, FEIS and Surveying				
Deliverable: Project administration and coordination, schematic design of the Recommended Preferred Alternative, VE study, toll facility study, interim financial and project management plan, base and soil testing and core drilling, traffic forecasting, traffic operational study, PI, CSS, FEIS, Record of Decision (ROD) and surveying				
Project Activity				
Route and Design Studies				
Status:	Ongoing.			
Recent Activity:	Continued to coordinate with subconsultants on schematic, financial plan, traffic analysis and geotechnical surveys.			
Upcoming Activity:	Coordination with subconsultant on development of 60% submittal, financial plan and traffic analysis. 60% internal submittal due on 4/16/2011 and 60% TxDOT submittal due on 4/30/2014. Complete geotechnical surveys.			
Outstanding Issues:	None.			
Social, Environmental and Economic Studies				
Status:	Ongoing.			
Recent Activity:	Continued work on SWA #10 activities, including weekly meetings with TxDOT and FHWA. Seagrass, wetland, vegetation, archeological surveys are under TxDOT review. Coordinated marine archeology work required to review additional anomalies. Coordinated with the USACE regarding potential relocation of the channel. Meet with G/WW user groups. Presented calculations of indirect effects on seagrasses. Coordination with sub-consultants.			
Upcoming Activity:	Continue work on SWA #10 activities.			
Outstanding Issues:	None.			
Field Surveying and Photogrammetry				
Status:	Ongoing.			
Recent Activity:	Coordination with subconsultants on field surveying. Coordination with subconsultants and affected property owners on ROE. Photogrammetry, LIDAR and bathymetry surveys are complete.			
Upcoming Activity:	Perform field surveying			
Outstanding Issues:	Continue to coordinate with affected property owners on ROE.			
Task		Status	Date of Anticipated Completion	% Complete
Route and Design Studies		Ongoing	10/14/2014	60%
Social, Environmental and Economic Studies		Ongoing	6/9/2015	50%
Field Surveying and Photogrammetry		Ongoing	4/30/2014	95%
WA Amount:	\$	3,645,641.00	Outstanding Invoice Number	Days Old
Billed To Date:	\$	8,836,535.56	114-40819-PL-017	70
Paid To Date:	\$	8,443,814.49	115-40819-PL-017	42
Unpaid Balance:	\$	392,721.07	116-40819-PL-017	14
Funding Source:				
Total:				\$ 392,721.07

June Status Report

HNTB

Project		West Rail Construction & Inspection Services
Work Authorization	33	Construction & Inspection Services
Supplemental	2	Construction & Inspection Services
Supplemental	1	Construction & Inspection Services

WA Cost: \$ 1,255,920.00

SA Cost: \$ 358,021.00

SA Cost: \$ 48,623.00

Total Cost: \$ 1,662,564.00

Description: This Work Authorization is to provide construction inspection (CI) for the Union Pacific Railroad (UPRR) West Rail Bypass. The construction of these additional tracks will allow the UPRR to abandon their current location between Mexico and Olmito eliminating several grade crossings.

Scope: Construction administration for the construction of the West Rail relocation. The construction includes track, drainage, construction sequencing, SWPPP, pay estimates, quantities, and schedule. This includes the DHS facility on the north side of US 281.

Deliverable: West Rail bypass pay estimates, ARRA paperwork, and construction schedule.

Project Activity

West Rail Bypass Construction Inspection

Status:	Ongoing.
Recent Activity:	Contractor has completed track construction and is performing a final cleaning up. Coordination with USACE on mitigation site non-compliance.
Upcoming Activity:	Clean up.
Outstanding Issues:	Awaiting resolution of DHS change order items and the associated funding. Awaiting approval of outstanding SWAs.

Task	Status	Anticipated Completion	% Complete
West Rail Construction Inspection Services (CI)			
Project Management, Administration, QA/QC	Complete	10/21/2013	100%
Process Invoices and Progress Reports	Complete	10/21/2013	100%
Construction Inspection Services			100%
Construction Management	Complete	10/21/2013	100%
Construction Observation and Inspection	Complete	10/21/2013	100%
Record Keeping and File Management	Complete	10/21/2013	100%
Schedule	Complete	10/21/2013	100%
Project Close-Out			
Construction Management	Complete	10/21/2013	100%
Record Keeping and File Management	Complete	10/21/2013	100%
Post Construction Services	Ongoing	10/21/2013	90%

WA Amount:	\$	1,662,564.00	Outstanding Invoice Number	Days Old	Invoice Amount
Billed To Date:	\$	1,650,298.05			
Paid To Date:	\$	1,650,298.05			
Unpaid Balance:	\$	-			
Funding Source:					
Total:					\$ -

June Status Report

HNTB

Project	<u>Olmito RIP CI Services</u>
Work Authorization	<input checked="" type="checkbox"/> 47 <u>Construction & Inspection Services</u>
Supplemental	<input type="checkbox"/> _____
Supplemental	<input type="checkbox"/> _____
Supplemental	<input type="checkbox"/> _____

WA Cost: \$ 134,538.00

SA Cost: \$ -

SA Cost: _____

SA Cost: _____

Total Cost: \$ 134,538.00

Description: This Work Authorization is to provide construction inspection (CI) for the Union Pacific Railroad (UPRR) Olmito Yard Repair in Place (RIP) Facility. The construction of this facility allow the UPRR to relocate their current repair in place operations from Harlingen to Olmito and expand their capabilities.

Scope: Construction administration for the Olmito Yard repair-in-place (RIP) facility and lighting. This includes building, equipment, track, drainage, construction sequencing, SWPPP, pay estimates, quantities, and schedule.

Deliverable: Olmito RIP Facility pay estimates, ARRA paperwork, and construction schedule.

Project Activity

Olmito RIP Facility Construction Inspection Services (CI)

Status: Construction at 99% complete

Recent Activity: None

Upcoming Activity: BPUB to energize water line. Schedule final walk through with UPRR for facility acceptance.

Outstanding Issues: Awaiting resolution on outstanding SWA. The County had been sent a request to provide warranty deed or metes and bounds for water/sewer line and submit payment on impact fees for both to BPUB.

Task	Status	Anticipated Completion	% Complete
Olmito RIP Facility Construction Inspection Services (CI)			
Project Management, Administration, QA/QC	Ongoing	1/31/2013	100%
Process Invoices and Progress Reports	Ongoing	1/31/2013	100%
Construction Inspection Services	Ongoing	1/31/2013	100%
Construction Management	Ongoing	1/31/2013	100%
Construction Observation and Inspection	Ongoing	1/31/2013	100%
Record Keeping and File Management	Ongoing	1/31/2013	100%
Schedule	Ongoing	1/31/2013	100%
Project Close-Out			
Construction Management	Ongoing	1/31/2013	95%
Record Keeping and File Management	Ongoing	1/31/2013	95%
WA Amount: \$	134,538.00	Outstanding Invoice Number	Days Old
Billed To Date: \$	134,538.00		Invoice Amount
Paid To Date: \$	134,538.00		
Unpaid Balance: \$	-		
Funding Source:			
Total: \$ -			

June Status Report

HNTB

Project		SH 32 GEC
Work Authorization	49	SH 32 GEC
Supplemental	1	SH 32 GEC
Supplemental	2	SH 32 GEC

WA Cost:	\$	1,961,997.00
SA Cost:	\$	18,277.00
SA Cost:	\$	243,639.00
Total Cost:	\$	2,223,913.00

Description: This work authorization provides professional services for oversight, guidance, agency coordination, and issue resolution, necessary to expedite the preliminary development phases of these two SH 32 projects only. The two projects, which each have logical termini and independent utility, extend from US 77/83 to FM 3068 (herein referred to as SH 32-West) and from FM 3068 to SH 4 (herein referred to as SH 32-East). The proposed projects are being developed by two prime subconsultants, (S&B Infrastructure, Ltd. and Traffic Engineers, Inc.) under the oversight of HNTB (GEC).

Scope: This Work Authorization allows the GEC to oversee/manage the development of two environmental assessments being prepared for SH 32. The environmental assessments are being prepared by other firms.

Deliverable: Meeting notes, schedules, document reviews, permitting strategies.

Project Activity

East Loop EA

Status:	On-going SH 32-West EA prepared. SH 32-East EA prepared.
Recent Activity:	Submittal of SH 32 East Biological Assessment and Antiquities Permit application to TxDOT. Submittal of Antiquities Permit application for SH 32 West to TxDOT. Value Engineering study occurred between 4/15/14 to 4/17/14.
Upcoming Activity:	Submittals of EA, BA and archeology results.
Outstanding Issues:	None

Task	Status	Date of Anticipated Completion	% Complete
East Loop EA			
Project Management and Coordination			97%
WA Amount:	\$ 2,223,913.00	Outstanding Invoice Number	Days Old
Billed To Date:	\$ 2,162,380.01		Invoice Amount
Paid To Date:	\$ 2,162,380.01		
Unpaid Balance:	\$ -		
Funding Source:			
Total: \$ -			

**2-B PRESENTATION OF THE STATUS OF THE SH 550 DIRECT
CONNECTOR PROJECT FOR JUNE 2015**



SH 550 CONSTRUCTION UPDATE

July 9, 2015



L & G Engineering Laboratory
Geotechnical • Construction Material Testing



HNTB
HNTB Corporation
The HNTB Companies
Engineers Architects Planners
TBPE FIRM REGISTRATION NO. : 420

SH 550 Key Dates



-PRE-CONSTRUCTION MEETING	2-20-2013
-NTP ISSUED	2-23-2013
-ACTUAL CONST. START DATE	3-4-2013
-FEDERAL AUDIT IN FIELD	5-20-13
-100.0 % COMPLETE AS OF	6-25-15
-MILESTONE START DATE (IH 69 LANE CLOSURE)	11-1-13
-LOCAL LET GOV. PROCEDURES AUDIT	8-1-13
-TxDOT AUDIT- 30%	9-10-13 to 9-12-13
-TxDOT ENVIRONMENTAL INSPECTION-INITIAL	2-18-2014
-IH 69 LANE CLOSURE FOR DIRECT CONNECTOR BENT CONSTRUCTION (BETWEEN MAINLANES)	7-8-14
-PROJECTED CONST. END DATE -ORIGINAL	9-22-2014



L & G Engineering Laboratory
Geotechnical • Construction Material Testing



HNTB Corporation
The HNTB Companies
Engineers Architects Planners
TYPE F FIRM REGISTRATION NO. : 420

SH 550 Key Dates



-TxDOT AUDIT- 60%-90%

9-11-2014

--TxDOT ENVIRONMENTAL INSPECTION FOLLOW-UP

9-11-2014

-PROJECTED CONST. END DATE- **CO#2(ADDITIONAL TIME)**

11-13-2014

-PROJECTED CONST. END DATE-REVISED(APR. 2015)

5-1-2015

-CHANGE ORDER #3-LEVEL-UP REPAIRS COMPLETED

1-27-15

-CHANGE ORDER #4-FM 1847 OP SBML BRIDGE DECK REPAIR
COMPLETED

2-10-15

-CHANGE ORDER #5-I69E ML REVISED MILL/OVERLAY QTYs
COMPLETED

3-26-15

-CONTRACTOR COMPLETED ALL ITEMS -TIME SUSPENSION

5-22-15



L & G Engineering Laboratory

Geotechnical • Construction Material Testing



HNTB Corporation
The HNTB Companies
Engineers Architects Planners
HBPE FIRM REGISTRATION NO. : 420

SH 550 Key Dates



-RECEIVED TXDOT PUNCHLIST LETTER

5-26-15

-ROADWAY OPENED TO TRAVELING PUBLIC

6-4-15

-COMPLETED PUNCHLIST ITEMS

6-25-15

-TXDOT PERFORMED FOLLOW-UP INSPECTION

6-27-15

-PROJECT CLOSEOUT

JULY 2015



L & G Engineering Laboratory

Geotechnical • Construction Material Testing



HNTB Corporation
The HNTB Companies
Engineers Architects Planners
TBPE FIRM REGISTRATION NO. : 420

Major Items of Work Completed



ITEM	UNIT	PROJECT TOTAL	QUANTITY COMPLETED TO DATE	% COMPLETE TO DATE
CONCRETE PILES	EA	598.00	598.00	100.0%
BRIDGE FOOTINGS	EA	58.00	58.00	100.0%
BRIDGE COLUMNS	EA	58.00	58.00	100.0%
CAPS FORMED AND POURED	EA	38.00	38.00	100.0%
CONCRETE BEAMS	LF	28,433.31	28,433.31	100.0%
STEEL GIRDERS	LB	1,065,198.00	1,065,198.00	100.0%
RETAINING WALLS (MSE)	SF	33,549.00	33,549.00	100.0%
DRILLED SHAFTS	EA	16.00	16.00	100.0%



L & G Engineering Laboratory
Geotechnical • Construction Material Testing



HNTB Corporation
The HNTB Companies
Engineers Architects Planners
TYPE FIRM REGISTRATION NO.: 420

Major Items of Work Completed



ITEM	UNIT	PROJECT TOTAL	QUANTITY COMPLETED TO DATE	% COMPLETE TO DATE
EMBANKMENT	CY	305,077.00	305,077.00	100.0%
REINFORCED CONC SLAB	SF	245,188.00	245,188.00	100.0%
CONC PAVEMENT CRCP 12"	SY	75,246.00	75,246.00	100.0%
HOT MIX	TON	16,501.00	16,501.00	100.0%



L & G Engineering Laboratory

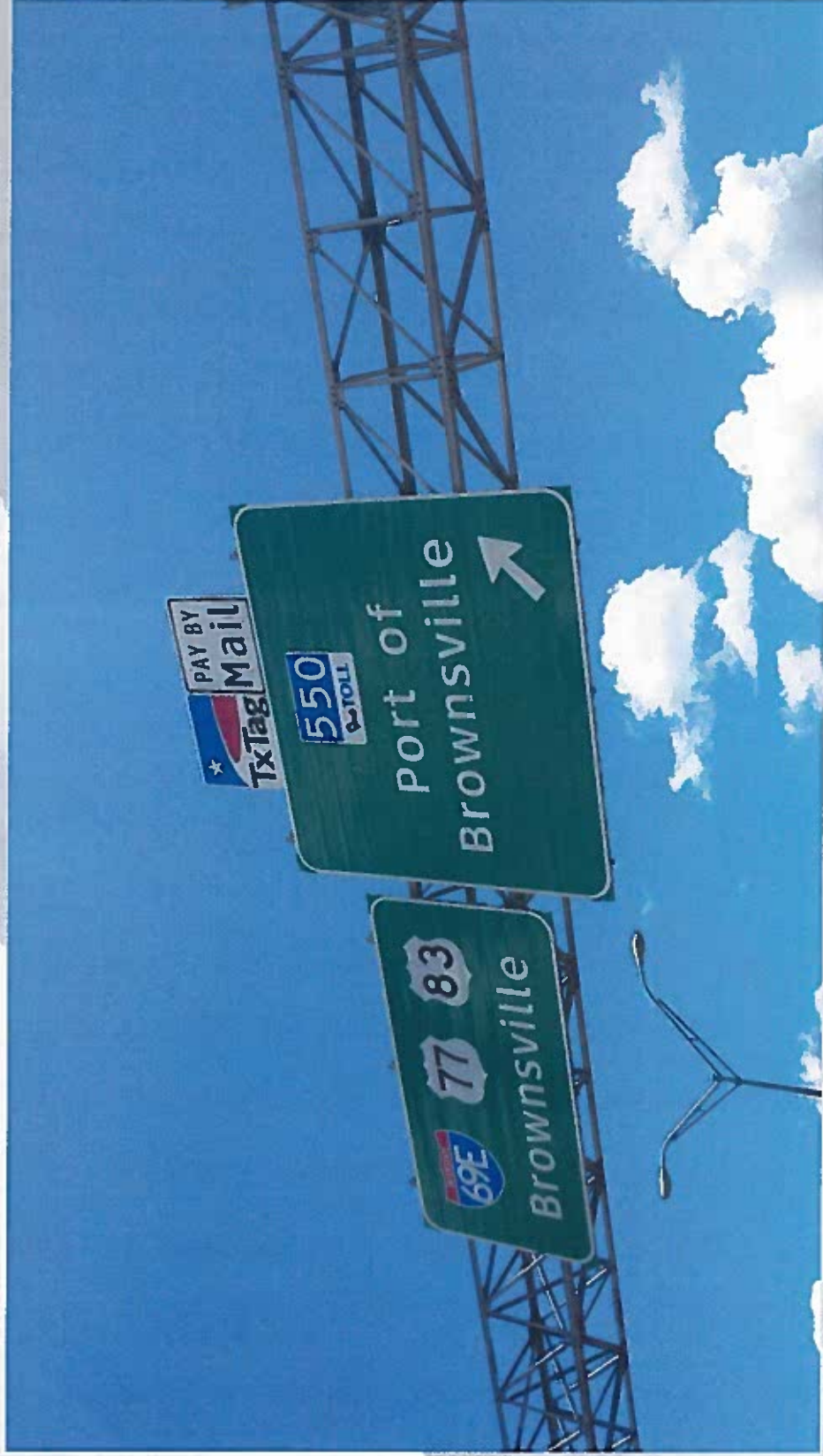
Geotechnical • Construction Material Testing



HNTB Corporation
The HNTB Companies
Engineers Architects Planners

TYPE FIRM REGISTRATION NO.: 470

Items of Work Completed



OVERHEAD SIGN BRIDGE-LOOKING NORTH



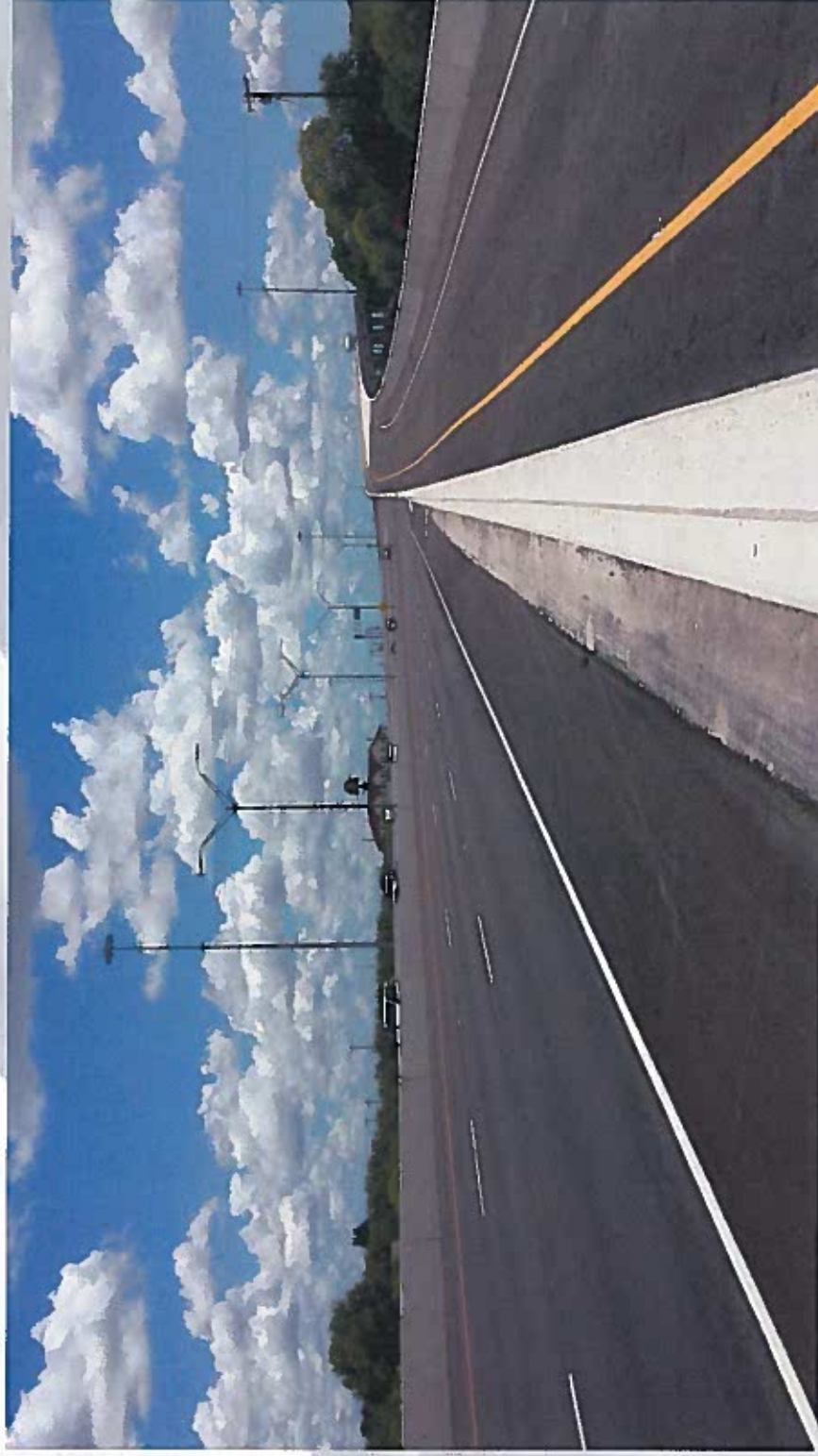
L & G Engineering Laboratory

Geotechnical • Construction Material Testing



HNTB Corporation
The HNTB Companies
Engineers Architects Planners
TYPE FIRM REGISTRATION NO. : 420

Items of Work Completed



SBDC - LOOKING SOUTH



L & G Engineering Laboratory

Geotechnical • Construction Material Testing



HNTB Corporation
The HNTB Companies
Engineers Architects Planners
IBPE FIRM REGISTRATION NO. 420

Items of Work Completed



SH 550 NB AT MAIN TOLL GANTRY PLAZA



L & G Engineering Laboratory
Geotechnical • Construction Material Testing



HNTB
HNTB Corporation
The HNTB Companies
Engineers Architects Planners
TYPE FIRM REGISTRATION NO.: 420

Items of Work Completed



SH 550 NBML-LOOKING SOUTH



L & G Engineering Laboratory

Geotechnical • Construction Material Testing



HNTB Corporation
The HNTB Companies
Engineers Architects Planners

TYPE F FIRM REGISTRATION NO. : 420

Sub. of Pay Est. # 28 – JUNE 2015-FINAL



Quantities for June are Preliminary and Subject to Change upon Final Estimate Review.

Estimate No. 28			
Original Contract Days	565	CO #2 Approved:	
Days Added by Change Order	0	618 Revised Contract Days	
		53	
Total Contract Time	565	Revised Total Contract	
Contract Days Previously Billed	568	618 Time	
Contract Days this Period	30		
Days Remaining	0		
% Contract Time Used	100.0%	-153 Liquidated Damages	
		123.5% Revised Time Used	
Contract Amount		\$ 44,203,090.25	
Additional Change Order #2 Dollars		\$ 34,000.00	
Revised Contract Amount		\$ 43,807,804.19	
Previous Payments		\$ 42,336,565.10	
Balance Due this Estimate		\$ 376,835.50	
Liquidated Damages to Date		153 days @ \$ 4,000/day	\$ 612,000.00
Net Amount Earned to Date			\$ 42,713,400.60
Percentage of Contract Billed to Date			98.9%
Balance of Contract			\$ 1,094,403.59



L & G Engineering Laboratory
Geotechnical • Construction Material Testing



HNTB
HNTB Corporation
The HNTB Companies
Engineers Architects Planners
TYPE FIRM REGISTRATION NO. : 420

ADDITIONAL PROJ. COSTS SUMMARY



CHANGE ORDERS

Change Order #1 Completed Traffic Control Revision	-\$16,900.00
Change Order #2 Completed Additional Contract Time	\$34,000.00
Change Order #3 Completed Bridge Approach Level-Ups, FM 1847, etc.	\$60,391.36
Change Order #4 Completed Bridge Deck Repair-FM 1847 SBML	\$191,485.84
Change Order #5 Completed 169E ML Revised Mill/Overlay Quantities	-\$395,286.06
Change Orders Total Cost	-\$126,308.86

LIQUIDATED DAMAGES

153 Days @ \$4,000.00/Day	-\$612,000.00
---------------------------	---------------

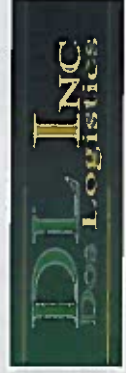
ADDITIONAL COSTS SUMMARY FINAL

-\$738,308.86



L & G Engineering Laboratory

Geotechnical • Construction Material Testing



HNTB Corporation
The HNTB Companies
Engineers Architects Planners
18PE FIRM REGISTRATION NO. : 420

Local Project Staffing



BASED ON JUNE ESTIMATE

Local (RGV) Contractor Personnel – 3 Daily FTE's

Non-Local (RGV) Contractor Personnel – 0

Local (RGV) CM Personnel – 4 Daily FTE's

Total Personnel – 7 Daily FTE's



Geotechnical • Construction Material Testing



Local Project Staffing



BASED ON JUNE #28 FINAL

Total Paid to Date (JUNE 2015 Estimate) – \$42,713,400.60

Local (RGV) Contractor Payments – \$36,605,384.31 (85.7%)

Non-Local (RGV) Contractor Payments – \$6,108,016.29 (14.3%)



L & G Engineering Laboratory
Geotechnical • Construction Material Testing



HNTB Corporation
The HNTB Companies
Engineers Architects Planners
FBPE FIRM REGISTRATION NO.: 420

4-A APPROVAL OF CLAIMS



M E M O R A N D U M

TO: Chairman and Board Members

FROM: Pete Sepulveda, Jr. *PS*

RE: Claims – Item 4A

DATE: July 9, 2015

Claims listed below are being presented for consideration and payment.

The Claims include:

- **Adrian Rincones – Travel Reimbursement and Office Depot, Email Setup, Email Hosting, Western CPE and CPA License Renewal Reimbursements and Replenishment of CRMA TxTag Account and Office Fans Reimbursement.**
- **Blanca C. Betancourt – Administrative Support for June 2015**
- **Cameron County – County 2013 CAF Fee**
- **Culligan – Bottled Water, Cooler Rental and Fuel Surcharge Fees for May/June 2015**
- **Dylbia J. Vega – Legal Support for June 2015**
- **Fagan Consulting – Back Office Phase II – RFP for June 2015, International Bridge Interoperability for June 2015, Implementation of Local Host Services for June 2015 and Direct Connector Toll ILA oversight and coordination support for June 2015**
- **Francisco San Miguel – IT Technical Support for Tolling System for June 2015**
- **G-E&S – Rail Survey, Descriptions and Map Parcels for West Rail**
- **HNTB – SPI Phase 3A from April 25 through May 22, 2015 and SPI Access #2 Financial Plan for May 2015**
- **Megashine – Janitorial Cleaning Services**
- **Michelle Lopez – Mileage Reimbursement for June 2015**
- **PUB – Utilities on SH 550**
- **Rentfo Law Firm – West Rail Services for June 2015**
- **RGV Spotlight – Marketing Services for June 2015**
- **S&B Infrastructure – SH 550 DC Construction Management for June 2015, SH 550 Port Spur Wetland Mitigation Monitoring for April to June 2015 and GEC (SH 550 Slopes Repair)**
- **TML – Property Insurance for Toll Road System and Employee Health Benefits for July 2015**
- **TXU Energy – Utilities for SH 550 Toll Equipment**
- **Valeria Juarez – Mileage Reimbursement for May and June 2015**

I recommend approval of the invoices.

CAMERON COUNTY REGIONAL MOBILITY AUTHORITY

Invoices Selected for Payment - Claims to be Paid

Vendor ID	Vendor Name	Invoice Number	Cash Required	Invoice/Credit Description
Adrian	Adrian Rincones	AR 6.24.15	1,009.35	Reimbursement for Office Supplies
Adrian	Adrian Rincones	AR 7.2.15	546.18	Reimbursement for Office Supplies
Adrian	Adrian Rincones	AR 7.7.2015	5,159.86	Reimbursement for Replenishment of CCRMA btag account & Office Fans
Anderson Columbia	Anderson Columbia Co., Inc	3622-01-003 - 28	376,835.50	Direct Connector Quantities Closeout
Blanca C. Betanco...	Blanca C. Betancourt	18	2,900.00	Administrative Support
Cameron County	Cameron County	County CAF 2013	16,666.67	County 2013 CAF Fee
Culligan	Culligan of the Rio Grande Valley	Culligan 06/2015	94.52	Culligan water services
DYLBIA L. VEGA	DYLBIA L JEFFERIES VEGA	DLV - June 2015	1,100.00	Legal Support & Toll Maintenance Support for June 2015
Emp Valeria Juarez	Valeria Juarez	Valeria 6.30.15	66.01	Mileage Reimbursement for Valeria May&June
Fagan Consulting	Fagan Consulting LLC	IB-15-06	5,796.00	Bridge interoperability Host
Fagan Consulting	Fagan Consulting LLC	LH-15-06	756.00	Implementation of Local Host Server
Fagan Consulting	Fagan Consulting LLC	OS-15-06	6,381.00	Operational Support, Direct Connector ILA
Fagan Consulting	Fagan Consulting LLC	RFP-15-06	22,512.00	Finalizing Prepration of RFP for BOS
Franco San Miguel	FRANCISCO J SANMIGUEL	FS June 2015	1,750.00	Legal Support & Toll Maintenance Support for June 2015
GES	Gonzalez Engineering & Surveying, Inc.	205020	570.00	Map parcels on West Rail
GES	Gonzalez Engineering & Surveying, Inc.	20519	5,130.00	Additional Changes to Survey and Describe Map Parcels - West Rail
Megashine	Megashine	1116	950.00	Janitorial Services July 215
PUB	Public Utilities Board	PUB June 215	273.34	Utilities on SH550
RGV Spotlight	RGV Spotlight	INV-0A12970B	500.00	Monthly marketing services June 2015
S&B	S&B Infrastructure, LTD	U1965-29	1,553.18	Construction Management Direct Connector
S&B	S&B Infrastructure, LTD	U1965.102/103-05	10,199.87	Wetland mitigation on SH550 Port Spur
S&B	S&B Infrastructure, LTD	U2299.100-01	4,607.00	Engineer report for Slopes repair on SH550
The Rentfro Law ...	The Rentfro Law Firm, PLLC.	018967	1,996.49	Legal services on West Rail
The Rentfro Law ...	The Rentfro Law Firm, PLLC.	018968	120.00	Legal services on West Rail
The Rentfro Law ...	The Rentfro Law Firm, PLLC.	018969	1,344.60	Legal services on West Rail
The Rentfro Law ...	The Rentfro Law Firm, PLLC.	018970	596.64	Legal services on West Rail
TML	Texas Municipal League Intergovernmental Risk Pool	TML 7-1-15	7,307.25	Property insurance for Toll Road System
TML Emp Health	TML Intergovernmental Employee Benefits Pool	TML 2015-07	4,417.24	TML Employee health benefits July 2015
TXU	TXU Energy	056251284352	976.34	Utilities on SH550
Report Total			482,115.04	



MEMORANDUM

TO: Chairman and Board Members

FROM: Pete Sepulveda, Jr., Executive Director

PSJ

RE: Claims Item 4-A

DATE: July 9, 2015

Attached are the Claims paid on June 19, 2015 and June 30, 2015 that are being presented for Board acknowledgment.

June 19, 2015:

- Bank of New York Mellon (BNY) – Administrative Fee for 2015 CO Bonds
- CTRMA – Toll Remote Support Services for May 2015
- Entravision Communications – Marketing Services for June 2015
- SPI Chamber of Commerce – Public Affairs Luncheon
- The Revenue Markets, Inc. – Scope Development for Bridge Interoperability
- VMUD – Rancho Viejo Office Water

June 30, 2015:

- Aflac – Aflac for May Insurance and Employee Aflac Insurance for June 2015
- Alfredo Rodriguez – Lane closure support for Toll Maintenance
- Ericka Trevino – Employee reimbursement for mileage and supplies
- Franco San Miguel – Reimbursement for Manlift Rental Toll Maintenance
- Gallegos Electric – Fee for Scope Proposal for IOP Building on SH 550 Conduit Rep
- Lone Star Shredding – Paper Shredding Service
- Liz Ponce – Reimbursement for Mileage and Meeting Supplies
- Noe M. Figueroa – Lane closure support for Toll Maintenance
- PUB – Utilities on SH 550
- Reliant – Utilities for Rancho Viejo Office May-June 2015
- Republic Services – Waste Services for Rancho Viejo Office
- Xerox – Monthly rental lease of Xerox machine
- Ziegner Technologies – Monthly hosting of Account Software

I recommend acknowledgment and approval of the invoices.

CAMERON COUNTY REGIONAL MOBILITY AUTHORITY

Invoices Selected for Payment - Claims to be Paid

Vendor ID	Vendor Name	Invoice Number	Cash Required	Invoice/Credit Description
BNY	Bank of New York Mellon	252-1870317	1,750.00	Administrative Fee for 2015 CO Bonds
CTRMA	Central Texas Regional Mobility Authority	7290030557	4,835.34	Toll Remote Support Services May 2015
Entravision	Entravision Communications	6	1,000.00	June marketing services Entravision
SPI Chamber	South Padre Island Chamber of Commerce	10312	54.00	Public Affairs Luncheon SPI
TRMI	The Revenue Markets Inc	TRMI	2,500.00	Scope development for Bridge Interoperability
VMUD	Valley Municipal Utility District	VMUD May 2015	37.94	Water Utilities Rancho Office
Report Total			10,177.28	

6-19-15

CAMERON COUNTY REGIONAL MOBILITY AUTHORITY

Invoices Selected for Payment - Claims to be Paid

Vendor ID	Vendor Name	Invoice Number	Cash Required	Invoice/Credit Description
AFLAC	Aflac	091378	265.30	Aflac For June Insurance
AFLAC	Aflac	497216	265.30	Employee Aflac Insurance for June 2015
Emp Ericka Trevino	Ericka Trevino	ET 6-19-15	15.06	Reimbursement for Mileage and supplies
Emp. Liz Ponce	Lizbeth J. Ponce	LP 6-24-15	522.50	Reimbursement for Mileage and Meeting Supplies
Franco San Miguel	FRANCISCO J SANMIGUEL	FS 6-2-15	284.59	Reimbursement for Manlift Rental Toll Maintenance
GALLEGOS ELECT...	Gallegos Electric Inc	91439	280.00	Fee for Scope proposal for IOP building on SH550 Conduit Rep
Lone Star Shredding	Lone Star Shredding Document Storage	1919356	52.50	Lonestar Paper Shredding Service
PUB	Public Utilities Board	588837 PUB June...	239.82	Utilities on SH550
Reliant	Reliant	148003477686	240.17	Utilities for Rancho Office May-June 18
Republic Services	Republic Services	0863-001023038	73.79	Waste services for Rancho Office
SD Alfredo Rodrig...	Alfredo Rodriguez	TM 6-17-15 - 2	175.00	Lane Closure support for Toll Maintenance
SD Noe Figueroa	Noe M Figueroa	TM 6-17-15 - 1	175.00	Lane Closure support for Toll Maintenance
Xerox	Xerox	079790795	457.89	Monthly rental lease of Xerox machine
ZIEGNER	ZIEGNER TECHNOLOGIES	102915	402.00	Monthly hosting of Acct Software
Report Total			3,448.92	

6-30-15

**4-B CONSIDERATION AND APPROVAL OF FINANCIAL STATEMENTS
FOR JUNE 2015**



June 2015 FINANCIAL STATEMENTS

Pete Sepulveda Jr. Executive Director
Jesus Adrian Rincones CPA, CFE, Chief Financial Officer



Table of Contents

Monthly Balance Sheet	1
Monthly Statement of Revenues, Expenditures and Changes in Net Assets	4
Monthly Statement of Cash Flows	5
Monthly Capital Projects in Progress	6
Toll Revenues & Expenditures	9

CAMERON COUNTY REGIONAL MOBILITY AUTHORITY

Balance Sheet
As of 6/30/2015
(In Whole Numbers)

	<u>Current Year</u>
ASSETS	
Current Assets:	
Cash and cash equivalents	
CCRMA Claims Account	23,287
CCRMA Operating Fund	2,930,807
Toll Operators Cash	60
TxTag - Replenishment Account	1,086
CCRMA Bond/Debt Funds	<u>1,097,391</u>
Total Cash and cash equivalents	4,052,631
Restricted cash accounts - debt service	
CCRMA Toll Revenue Funds	20,796
2010 A & B Pledged Revenue Funds	369,101
2010A 2014 Refunding Series	184,550
2010 A Debt Reserve	1,038,587
2010 A Debt Service	347,998
2010 B Debt Reserve	1,218,154
2010 B Debt Service	169,641
2012 Bond CAPI funds	144,323
2012 Bond Operating Fund	129,272
2012 Bond Project Funds	4,299,162
2012 Bonds Rate Stabilization Fund	990,326
2012 Bond Pledged Revenue	128,070
2012 Bonds Debt Service	339,858
2014 Refunding Series Escrow Account	<u>671</u>
Total Restricted cash accounts - debt service	9,380,509
Accounts receivable	
Vehicle Registration Fees - Receivable	<u>547,840</u>
Total Accounts receivable	547,840
Accounts receivable - other agencies	
Accounts Receivable - Other Agencies	<u>14,344</u>
Total Accounts receivable - other agencies	<u>14,344</u>
Total Current Assets:	13,995,324
Non Current Assets:	
Capital assets, net	
Land & Right of Way	40,000
Buildings	236,557
Improvements	29,603
Furnishings & Equipment	4,401,786
Accumulated Depreciation-Furnishings & Equipment	(515,816)
Software & Technology	172,337
Accumulated Depreciation Software & Technology	(3,958)
Infrastructure & Utilities	12,958,232
Accumulated Depreciation-Infrastructure	<u>(647,912)</u>
Total Capital assets, net	16,670,830
Capital projects in progress	
CIP - Planning & Coordination	552,553
CIP - Preliminary Engineering & Design	3,352,533
CIP - Environmental Studies	14,061,878
CIP - Mitigation	285,102
CIP - Right of Way	82,185
CIP - Utilities	26,242
CIP - Construction	46,773,504

CAMERON COUNTY REGIONAL MOBILITY AUTHORITY

Balance Sheet
As of 6/30/2015
(In Whole Numbers)

	Current Year
CIP - Construction Management	2,698,283
CIP - Direct Legal Costs	520,821
CIP - Capitalized Interest	3,239,713
CIP - Direct Administration	128,803
CIP - Indirect Administration and Overhead	585,044
Total Capital projects in progress	72,306,661
Other assets	
Other Assets	41,895,820
Total Other assets	41,895,820
Unamortized bond prepaid costs	
2012 Bonds Prepaid Insurance	116,364
2014 Bond Prepaid Insurance	12,098
Total Unamortized bond prepaid costs	128,462
Total Non Current Assets:	131,001,772
Total ASSETS	144,997,096
LIABILITIES	
Current Liabilities	
Accounts payable	
AP - Operations	69,154
AP - Project Expenditures	840,936
Total Accounts payable	910,090
Accrued expenses	
TxTag Customer Deposits	297
Toll Refunds from MSB	2,072
Accrued Expense	477,495
Total Accrued expenses	479,864
Payroll liabilities	
Federal Tax Withholding	3,584
Payroll Tax Payable	2,807
Retirement Contribution Payable	1,735
Health Insurance Payable	400
Aflac Employee Liabilities	67
Dental Insurance Payable	63
Employee Vision Insurance	25
Total Payroll liabilities	8,681
Deferred revenue	
UFV Fund Deposits	850
Deferred Revenue	3,379
Total Deferred revenue	4,229
Total Current Liabilities	1,402,865
Non Current Liabilities	
Due to other agencies	
Cameron County	167,500
Due to other Govts	2,014,428
Total Due to other agencies	2,181,928
Due to TxDot	
Union Pacific - West Rail Project	26,284,014
Union Pacific - Olmito Switchyard	9,919,811
TxDot FAA - South Padre Island	10,573,364
TxDot FAA - West Parkway	2,244,589
Total Due to TxDot	49,021,777

CAMERON COUNTY REGIONAL MOBILITY AUTHORITY

Balance Sheet
As of 6/30/2015
(In Whole Numbers)

	<u>Current Year</u>
Long term bond payable	
2010A Bonds Payable	4,480,000
2010A Unamortized Premium	64,212
2010B Bonds Payable	15,535,000
2012 Bonds Payable	40,000,000
2012 Unamortized Premium	4,160,407
2014 Bonds Payable	5,000,000
2014 Bond Premium	155,424
2010A Refund Series 2014	6,325,000
2010A Refund Premium Series 2014	137,092
2015 CO Bonds	4,500,000
2015 CO Bonds Discount	(39,559)
Total Long term bond payable	<u>80,317,576</u>
Total Non Current Liabilities	<u>131,521,282</u>
Total LIABILITIES	<u>132,924,147</u>
NET POSITION	
Beginning net position	
	<u>7,812,522</u>
Total Beginning net position	<u>7,812,522</u>
Changes in net position	
	<u>4,260,427</u>
Total Changes in net position	<u>4,260,427</u>
Total NET POSITION	<u>12,072,949</u>
TOTAL LIABILITIES AND NET POSITION	<u>144,997,096</u>

CAMERON COUNTY REGIONAL MOBILITY AUTHORITY

Statement of Revenues, Expenditures And Changes in Net Assets - Unposted Transactions Included In Report
From 6/1/2015 Through 6/30/2015
(In Whole Numbers)

	Current Period Actual	Current Year Actual	YTD Budget - Original	YTD Budget Variance - Original
Operating Revenues				
Vehicle registration fees	249,561	2,246,011	2,900,000	(653,989)
Toll revenues	25,103	263,932	553,472	(289,540)
TRZ revenue	0	378,840	425,000	(46,160)
Other revenue	0	330,262	500,000	(169,738)
Total Operating Revenues	274,665	3,219,046	4,378,472	(1,159,426)
Operating Expenses				
Personnel costs	27,249	445,015	584,900	139,885
Professional services	0	22,000	25,000	3,000
Contractual services	4,000	195,506	533,679	338,173
Debt interest	(3,538)	2,228,456	4,518,871	2,290,415
Advertising & marketing	1,554	48,523	55,500	6,977
Data processing	484	6,374	10,000	3,626
Dues & memberships	0	13,580	14,500	920
Education & training	0	2,798	11,000	8,202
Fiscal agent fees	1,750	15,216	15,000	(216)
Insurance	0	25,347	50,000	24,653
Maintenance & repairs	1,165	7,170	15,000	7,830
Office supplies	1,468	24,947	25,250	303
Road maintenance	8,925	122,960	130,000	7,040
Rent	458	5,129	8,000	2,871
Toll services	6,158	40,607	383,472	342,865
Travel	1,257	26,669	40,000	13,331
Utilities	3,244	15,219	20,000	4,781
Total Operating Expenses	54,173	3,245,517	6,440,172	3,194,655
Non Operating Revenue				
Interest income	365	7,006	0	7,006
Other Financing sources	0	0	2,061,700	(2,061,700)
Total Non Operating Revenue	365	7,006	2,061,700	(2,054,694)
Changes in Net Assets	220,856	(19,466)	0	(19,466)
Net Assets Beginning of Year	(240,322)	0	0	0
Net Assets End of Year	(19,466)	(19,466)	0	(19,466)

CAMERON COUNTY REGIONAL MOBILITY AUTHORITY

Statement of Cash Flows

As of 6/30/2015

	Current Period	Current Year
Cash Flows from Operating Activities		
Receipts from Vehicle Registration Fees	272,010.00	2,368,104.99
Receipts from Toll Revenues	26,581.26	502,442.08
Receipts from TRZ Revenue	0.00	0.00
Payments to Vendors	(30,462.10)	(572,045.67)
Payments to Employees	(35,517.34)	(442,648.25)
Total Cash Flows from Operating Activities	<u>232,611.82</u>	<u>1,855,853.15</u>
Cash Flows from Capital and related Financing Activities		
Acquisitions of Property and Equipment	(37,945.00)	(848,206.88)
Receipts from Grants and Other income	1,931.91	1,486,571.02
Payments on Interest	3,538.36	(2,228,456.23)
Acquisitions of Construction in Progress	(640,992.55)	(15,846,907.37)
Principal Payments on Bonds	0.00	3,922,532.85
Proceeds from TxDot FAA	0.00	1,755,157.03
Proceeds from Other Governments	75,752.62	915,533.01
Total Cash Flows from Capital and related Financing Activities	<u>(597,714.66)</u>	<u>(10,843,776.57)</u>
Net Increase (Decrease) in Cash & Cash Equivalents	<u>(365,102.84)</u>	<u>(8,987,923.42)</u>
Beginning Cash & Cash Equivalents	13,798,242.35	22,421,062.93
Ending Cash & Cash Equivalents	<u>13,433,139.51</u>	<u>13,433,139.51</u>

CAMERON COUNTY REGIONAL MOBILITY AUTHORITY
Capital Projects in Progress - Unposted Transactions Included In Report
From 6/1/2015 Through 6/30/2015
(In Whole Numbers)

	<u>Current Period Actual</u>	<u>Current Year Actual</u>	<u>YTD Budget - Original</u>	<u>YTD Budget Variance - Original</u>
Capital Projects				
South Padre Island 2nd Access	0	1,559,969	1,400,000	(159,969)
West Parkway Project	0	58,096	800,000	741,904
Outer Parkway	0	17,959	2,500,000	2,482,041
FM 1925	0	59,413	1,000,000	940,587
West Rail Relocation	5,130	1,848,076	1,000,000	(848,076)
Olmito Switchyard	0	75,753	0	(75,753)
SH 550	388,589	8,861,933	18,104,600	9,242,667
SH 32 (East Loop)	0	203,966	7,000,000	6,796,034
FM 803	0	66,001	50,000	(16,001)
Port Isabel Access Rd	0	0	100,000	100,000
FM 509	0	0	1,000,000	1,000,000
North Rail Relocation	0	0	400,000	400,000
Total Capital Projects	<u>393,719</u>	<u>12,751,165</u>	<u>33,354,600</u>	<u>20,603,435</u>

CAMERON COUNTY REGIONAL MOBILITY AUTHORITY

Statement of Revenues and Expenditures - Unposted Transactions Included In Report
From 6/1/2015 Through 6/30/2015
(In Whole Numbers)

		Current Period Actual	Current Year Actual	YTD Budget - Original	YTD Budget Variance - Original
Capital Projects					
South Padre Island 2nd Access	2000				
CAPITALIZED PROJECT COSTS	01CAP				
CIP - Planning & Coordination	15100	0	97,423	0	(97,423)
CIP - Preliminary Engineering & Design	15110	0	9,351	400,000	390,649
CIP - Environmental Studies	15120	0	1,339,006	1,000,000	(339,006)
CIP - Mitigation	15130	0	101,509	0	(101,509)
CIP - Direct Legal Costs	15300	0	12,680	0	(12,680)
Total South Padre Island 2nd Access		0	1,559,969	1,400,000	(159,969)
West Parkway Project	2025				
CAPITALIZED PROJECT COSTS	01CAP				
CIP - Environmental Studies	15120	0	0	800,000	800,000
CIP - Direct Legal Costs	15300	0	15,162	0	(15,162)
CIP - Direct Administration	15320	0	42,934	0	(42,934)
Total West Parkway Project		0	58,096	800,000	741,904
Outer Parkway	2050				
CAPITALIZED PROJECT COSTS	01CAP				
CIP - Planning & Coordination	15100	0	12,200	500,000	487,800
CIP - Preliminary Engineering & Design	15110	0	0	1,000,000	1,000,000
CIP - Environmental Studies	15120	0	0	1,000,000	1,000,000
CIP - Direct Legal Costs	15300	0	5,759	0	(5,759)
Total Outer Parkway		0	17,959	2,500,000	2,482,041
FM 1925	2075				
CAPITALIZED PROJECT COSTS	01CAP				
CIP - Planning & Coordination	15100	0	0	350,000	350,000
CIP - Preliminary Engineering & Design	15110	0	0	350,000	350,000
CIP - Environmental Studies	15120	0	0	300,000	300,000
CIP - Direct Legal Costs	15300	0	16,479	0	(16,479)
CIP - Direct Administration	15320	0	42,934	0	(42,934)
Total FM 1925		0	59,413	1,000,000	940,587
West Rail Relocation	2100				
CAPITALIZED PROJECT COSTS	01CAP				
CIP - Planning & Coordination	15100	0	23,124	0	(23,124)
CIP - Mitigation	15130	0	2,582	0	(2,582)
CIP - Right of Way	15200	5,130	82,185	0	(82,185)
CIP - Construction	15220	0	1,319,204	1,000,000	(319,204)
CIP - Construction Management	15240	0	415,119	0	(415,119)
CIP - Direct Legal Costs	15300	0	5,863	0	(5,863)
Total West Rail Relocation		5,130	1,848,076	1,000,000	(848,076)
Olmito Switchyard	2150				
CAPITALIZED PROJECT COSTS	01CAP				
CIP - Construction	15220	0	75,753	0	(75,753)
Total Olmito Switchyard		0	75,753	0	(75,753)
SH 550	2200				
CAPITALIZED PROJECT COSTS	01CAP				
CIP - Preliminary Engineering & Design	15110	0	0	2,500,000	2,500,000
CIP - Mitigation	15130	10,200	82,175	0	(82,175)
CIP - Utilities	15210	0	0	604,600	604,600
CIP - Construction	15220	376,836	8,514,795	14,000,000	5,485,205
CIP - Construction Management	15240	1,553	260,723	1,000,000	739,277
CIP - Direct Legal Costs	15300	0	4,239	0	(4,239)
Total SH 550		388,589	8,861,933	18,104,600	9,242,667

CAMERON COUNTY REGIONAL MOBILITY AUTHORITY

Statement of Revenues and Expenditures - Unposted Transactions Included In Report
From 6/1/2015 Through 6/30/2015
(In Whole Numbers)

		Current Period Actual	Current Year Actual	YTD Budget - Original	YTD Budget Variance - Original
SH 32 (East Loop)	2250				
CAPITALIZED PROJECT COSTS	01CAP				
CIP - Planning & Coordination	15100	0	163,142	500,000	336,858
CIP - Preliminary Engineering & Design	15110	0	21,328	5,000,000	4,978,672
CIP - Environmental Studies	15120	0	19,495	1,500,000	1,480,505
Total SH 32 (East Loop)		0	203,966	7,000,000	6,796,034
FM 803	2300				
CAPITALIZED PROJECT COSTS	01CAP				
CIP - Mitigation	15130	0	7,027	50,000	42,973
CIP - Direct Legal Costs	15300	0	16,039	0	(16,039)
CIP - Direct Administration	15320	0	42,934	0	(42,934)
Total FM 803		0	66,001	50,000	(16,001)
Port Isabel Access Rd	2400				
CAPITALIZED PROJECT COSTS	01CAP				
CIP - Environmental Studies	15120	0	0	100,000	100,000
Total Port Isabel Access Rd		0	0	100,000	100,000
FM 509	2450				
CAPITALIZED PROJECT COSTS	01CAP				
CIP - Preliminary Engineering & Design	15110	0	0	1,000,000	1,000,000
Total FM 509		0	0	1,000,000	1,000,000
North Rail Relocation	2500				
CAPITALIZED PROJECT COSTS	01CAP				
CIP - Environmental Studies	15120	0	0	400,000	400,000
Total North Rail Relocation		0	0	400,000	400,000
Total Capital Projects		393,719	12,751,165	33,354,600	20,603,435

CAMERON COUNTY REGIONAL MOBILITY AUTHORITY
Toll Revenues and Expenditures - Unposted Transactions Included In Report
From 6/1/2015 Through 6/30/2015

	Current Period Actual	Current Year Actual	YTD Budget - Original	YTD Budget Variance - Original
Toll Revenues				
Toll Revenue	8,530.34	91,668.78	170,848.00	(79,179.22)
Toll Violation Revenue	6,073.02	70,695.30	100,000.00	(29,304.70)
Interop Revenue	10,500.00	101,568.00	282,624.00	(181,056.00)
Pay by Mail Revenue	0.00	0.00	0.00	0.00
Total Toll Revenues	25,103.36	263,932.08	553,472.00	(289,539.92)
Toll Expenditures				
Toll services				
Toll Services	0.00	0.00	178,672.00	178,672.00
Interop Collection Fees	0.00	6,727.35	19,800.00	13,072.65
PBM Add on Fees	935.34	2,371.53	0.00	(2,371.53)
PBM Image Review	5,223.00	31,507.75	175,000.00	143,492.25
PBM Pre-Court Program	0.00	0.00	10,000.00	10,000.00
Total Toll services	6,158.34	40,606.63	383,472.00	342,865.37
Toll maintenance				
Maintenance - SH 550	8,924.93	122,960.22	130,000.00	7,039.78
Total Toll maintenance	8,924.93	122,960.22	130,000.00	7,039.78
Total Toll Expenditures	15,083.27	163,566.85	513,472.00	349,905.15
Net Change in Toll Services	10,020.09	100,365.23	40,000.00	60,365.23



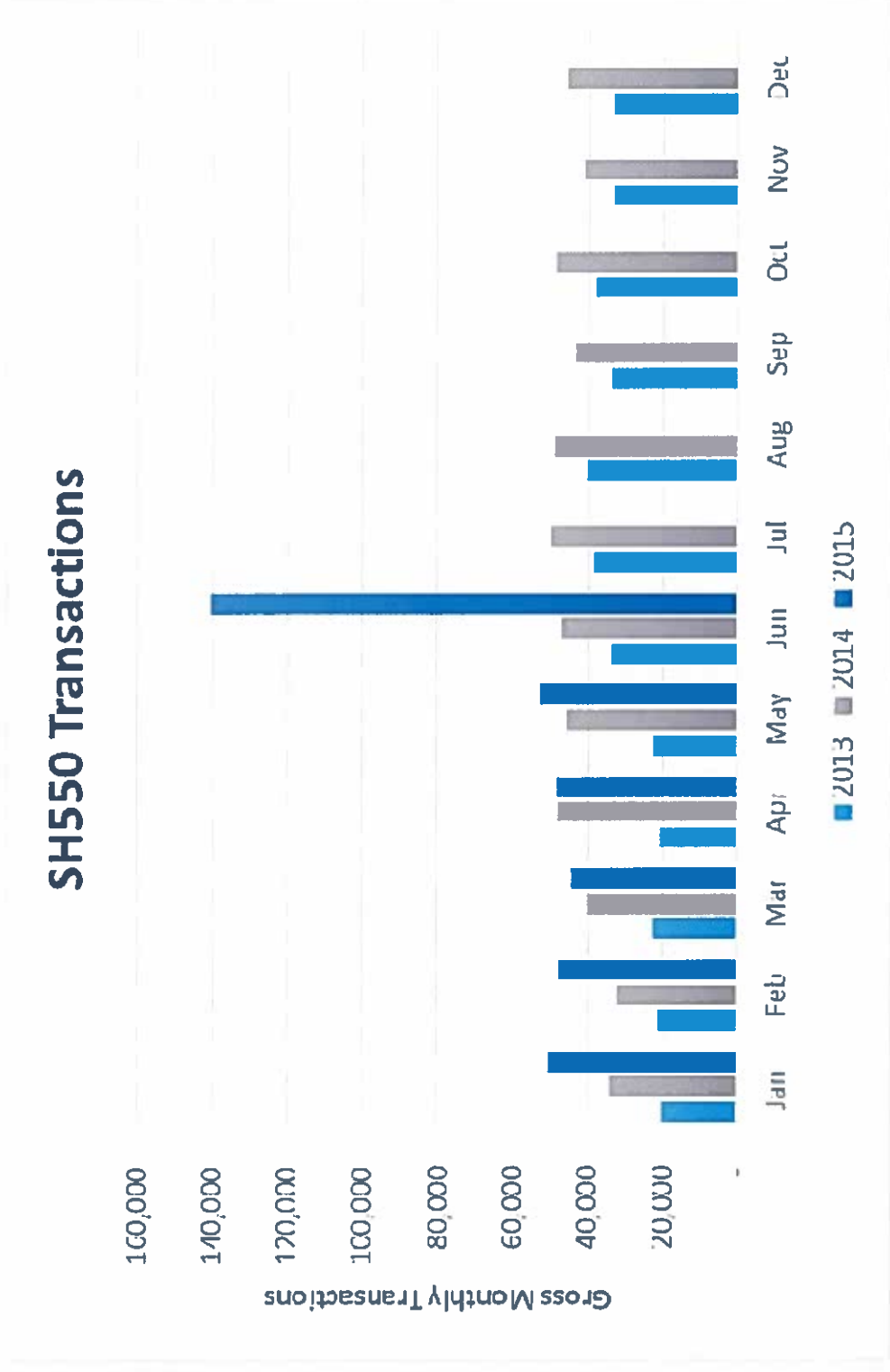
SH550 TOLL OPERATIONS UPDATE

June 2015

June 2015 Operational Update

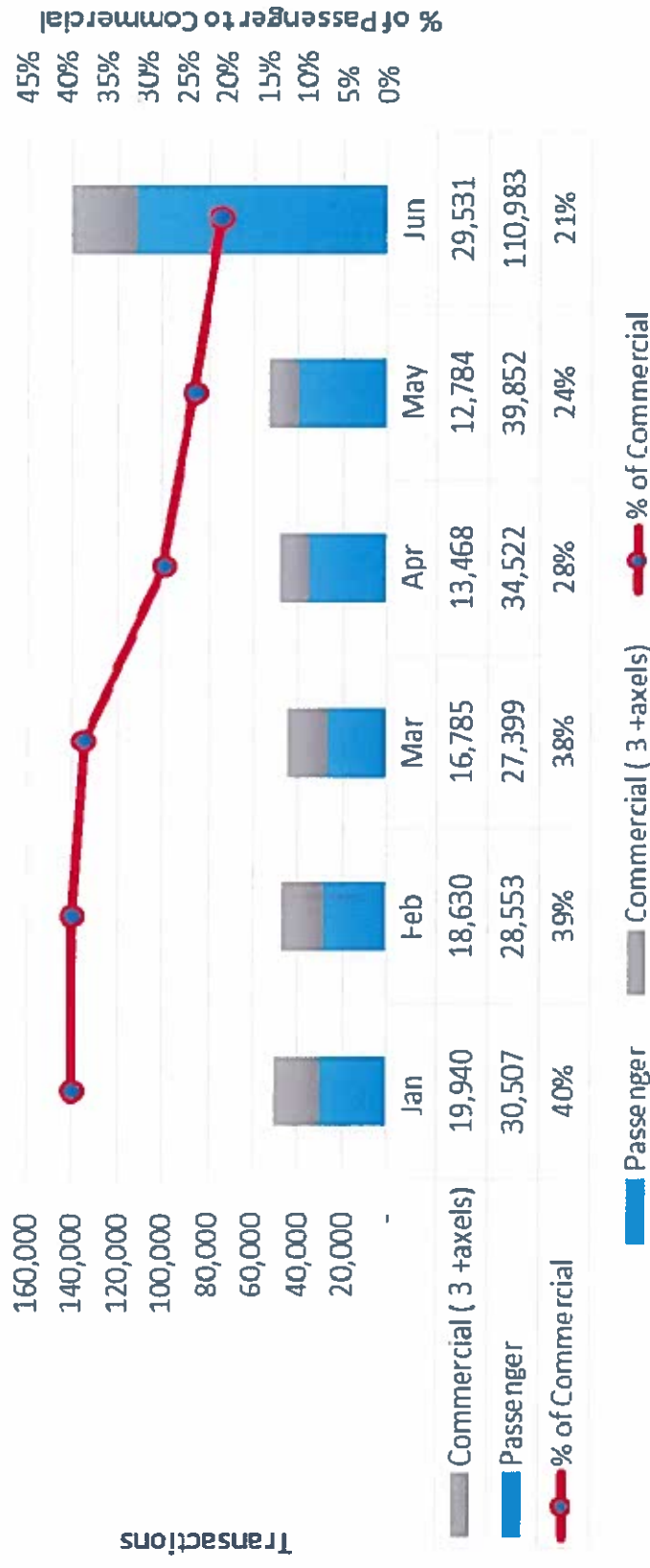
- **Transaction Data for 2015 including Direct Connector**
- **Toll Operations**
 - **Txdot/TxTag Agreement**
 - **BancPass/Ptoll**
 - **Maintenance**

SH550 Transactions 2013, 2014, & YTD



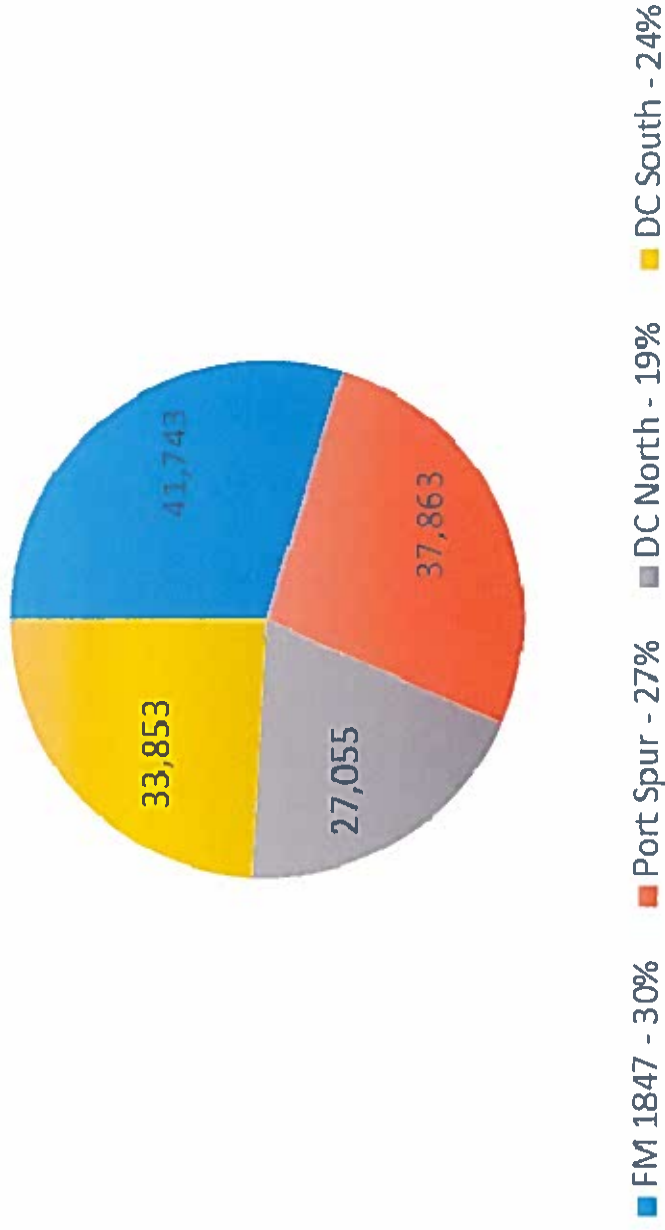
SH550 2015 Transaction Data by Axle

2015 Transaction Data by Axle



June 2015 Transaction Data by Toll Plaza

June 2015 SH550 Transactions



Toll Operations

- June 4th we met with James Bass, CFO TxDot to discuss our Pass Through Agreement
- June 18th spoke with Richard Nelson, Director of Toll Operations for TxDot – Bridge Interoperability & Local TxTag Opportunities
 - Ability to sell tags locally
 - Providing access for CCRMA staff to service TxTag Customers
 - New products TxTag plans to roll out
 - Working on new Inter-local with Txdot regarding toll operations

Toll Operations - Continued

- Ptol – Easy Non-Tag option for Customers
- CCRMA & Ptol plan to begin joint marketing for product

PToll™
Powered By:



Use your phone
to pay your tolls!

App, Snap, & Drive.™
Put toll transactions in the palm of your hand.

Get it on
Google play

Available on the
App Store



- ✓ No more bills in the mail.
- ✓ No more late fees and fines.
- ✓ Manage your account from your phone.
- ✓ You only pay when you drive the road.

Maintenance

- June 1 – Finished repair of AC • June 24 – repairs on SH550 on Southbound 1847 Cabinet IOP building for water leaks – no lane closures
- June 1 – Lane Closure/
Performed Maintenance on 1847 & Port Spur toll gantries – trained local contractor. 9pm-4:30am
- June 17 – Lane Closure/Reader repairs on Direct Connector's (warranty) 8pm-1am

Maintenance - Continued



Maintenance – Continued



Maintenance – Continued



**4-C DISCUSSION AND POSSIBLE ACTION REGARDING THE QUEEN
ISABELLA MEMORIAL CAUSEWAY BICYCLE/PEDESTRIAN LANE
STUDY**

Queen Isabella Causeway Bicycle/Pedestrian Study

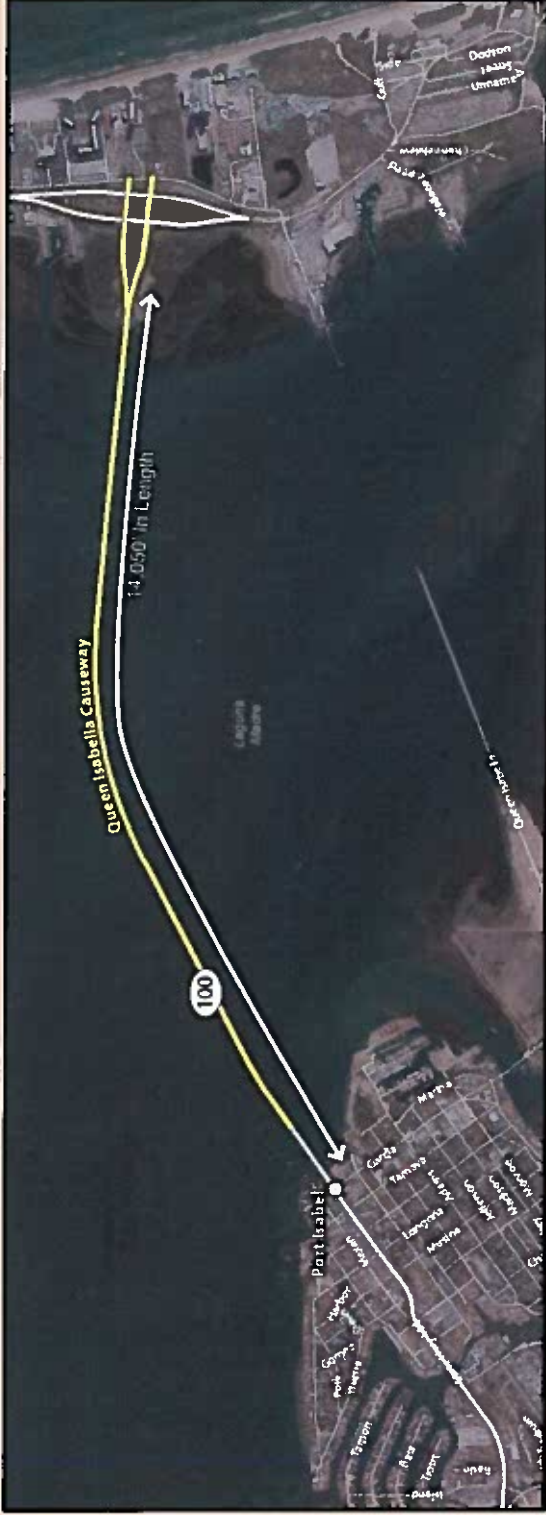
July 9, 2015



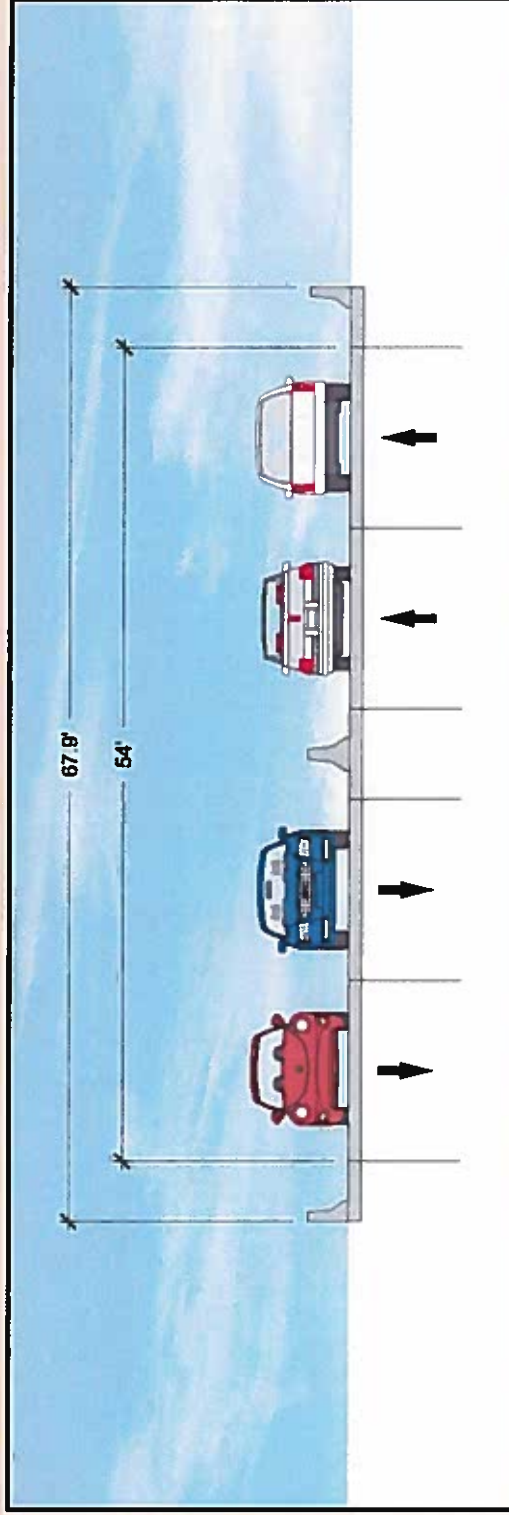
East, HERE, Caltrans, MapInfo, © OpenStreetMap contributors, and the GIS user community



Queen Isabella Causeway Bicycle/Pedestrian Study Regional Map

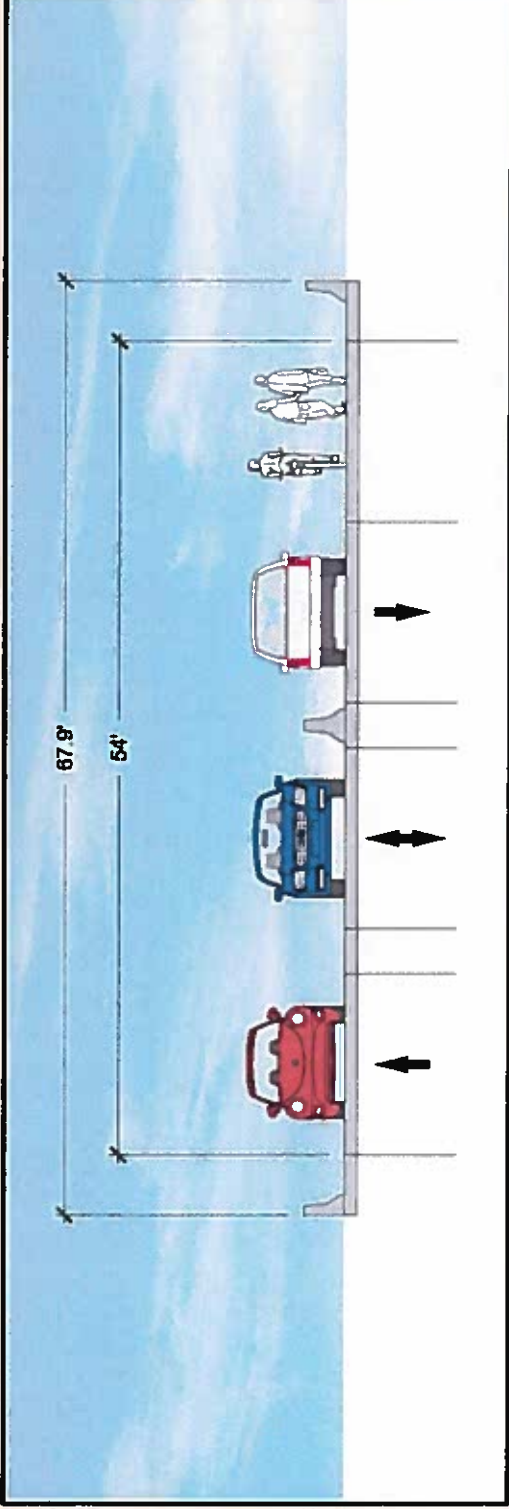


PROJECT LIMITS



TYPICAL SECTION

Queen Isabella Causeway Bicycle/Pedestrian Study Existing Conditions



TYPICAL SECTION

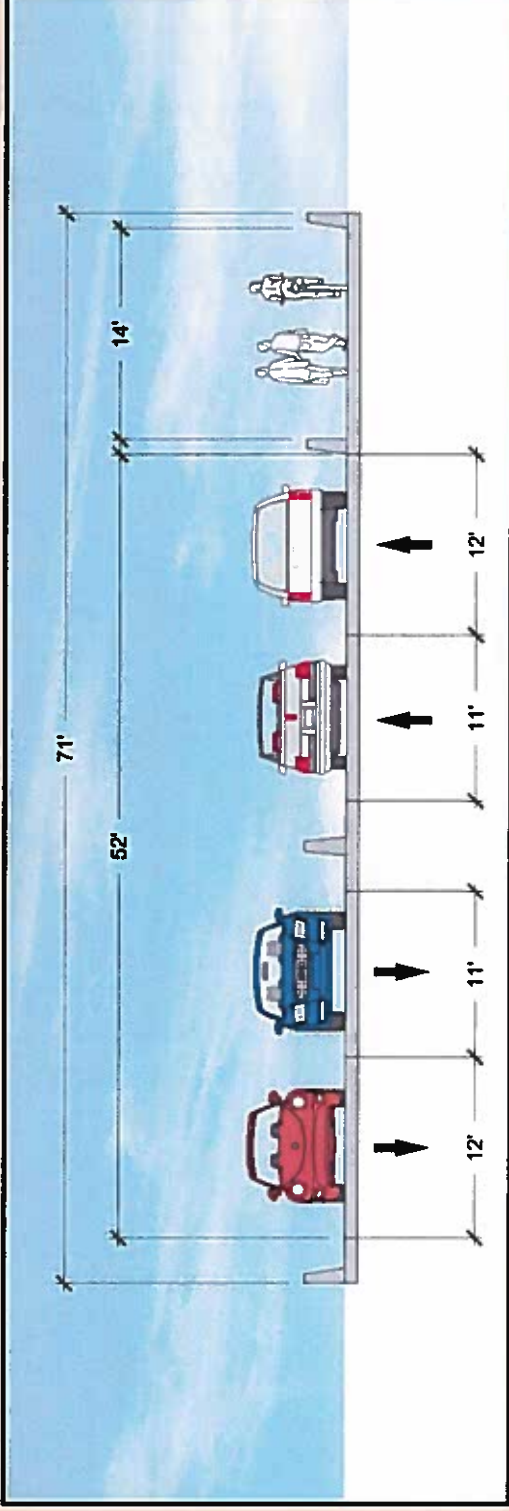
KEY POINTS

- Maintains Existing Bridge Width
- Converts One Lane Into a Two-Way Bicycle/Pedestrian Facility
- Three Lanes For Cars
 - Two One-Way Lanes
 - One Reversible Center Lane
- **Approx. Cost = \$**



Example: Unseparated Bicycle/Pedestrian Facility on Bridge

Queen Isabella Causeway Bicycle/Pedestrian Study
Options 1



TYPICAL SECTION

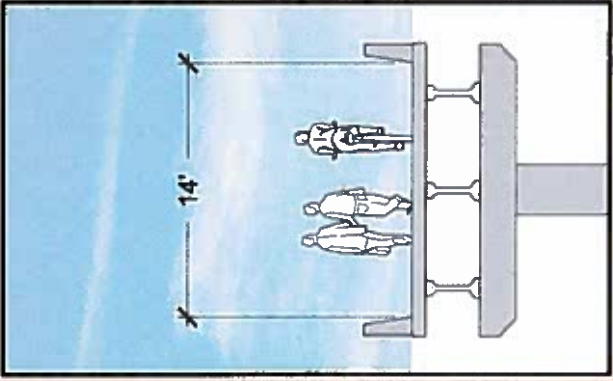
KEY POINTS

- Widen Bridge Deck 4 Feet
- Relocate Median Barrier and Restripe
- Add AASHTO Compliant Two-Way Bike/Ped Facility
- **Approx. Cost = \$**



Example: Separated Bicycle/Pedestrian Facility on Bridge

Queen Isabella Causeway Bicycle/Pedestrian Study
Options 2



TYPICAL SECTION

KEY POINTS

- Construct New Bridge for Two Way Bike/Ped Facility
- Environmental Process
- **Approx. Cost = \$**



Example: Bicycle/Pedestrian Bridge

Queen Isabella Causeway Bicycle/Pedestrian Study

Options 3

Questions?

CCRMA QUEEN ISABELLA CAUSEWAY

BICYCLE AND PEDESTRIAN STUDY INFO SHEET

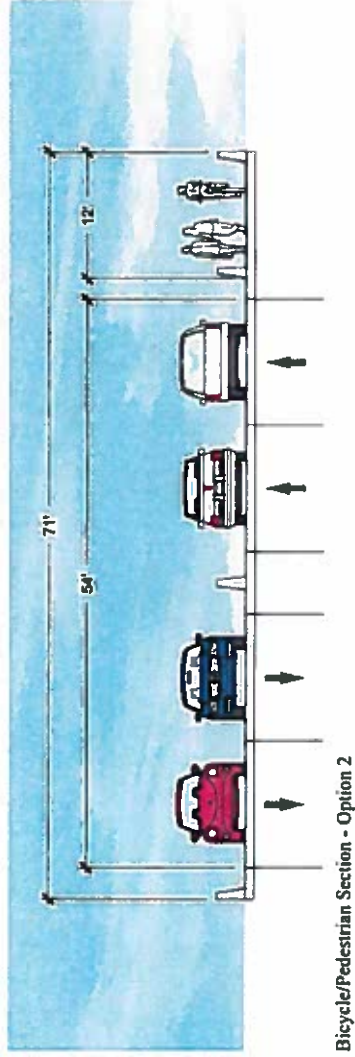
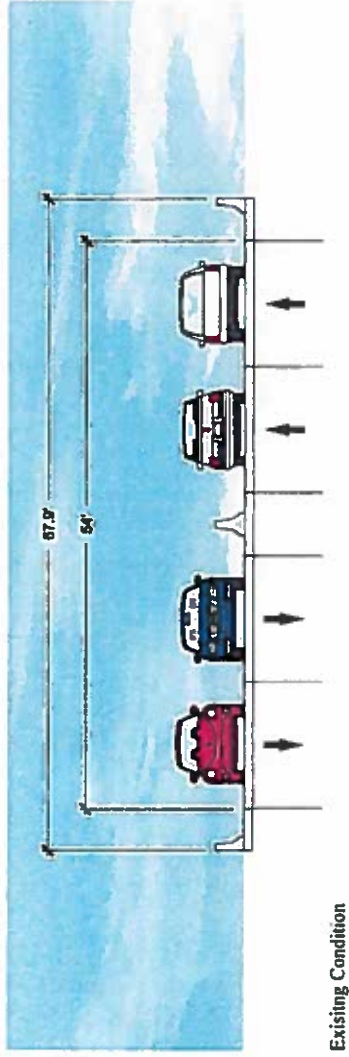
Option 1:

- No superstructure changes
- Remove median barrier
- Restripe for 3 lanes
- Install movable barrier (zipper barrier) to adjust direction of middle lane according to heavier traffic flow
- Approximate Cost:
 - o Removal of barrier = $\$36/\text{ft} \times 12,510 \text{ ft} = \$450,000$
 - o Restriping = $\$30/\text{ft} \times 12,510 \text{ ft} = \$375,000$
 - o Movable barrier = $\$200/\text{ft} \times 12,510 \text{ ft} = \$2,500,000$
 - o Movable barrier equipment = $\$800,000$
 - o Add 6% for engineering = $\$250,000$
 - o Add 15% for construction inspection = $\$620,000$
 - o Add 15% for contingencies = $\$620,000$
 - o **APPROXIMATE TOTAL COST = \$5,615,000**

Option 2:

- Widen deck from 67.9 ft to 71.0 ft to provide the following:
 - o 2- 11 ft lanes
 - o 2- 12 ft lanes
 - o 1 - 10 ft wide pedestrian/bicycle path (14' in total including 2' clearance on both sides)
 - o 1 ft wide edge barriers
 - o 1 ft wide pedestrian/bicycle rail
 - o 2 ft wide median barrier
 - o 2 - 2 ft shoulders
 - o 2 - 1 ft shoulders
- Assuming deck cantilevers approx. 2 ft from CL of exterior barrier in current condition, the widened cantilevers will be approx. 3'-7" on each side of the bridge.
- The median barrier would have to be relocated in order to provide the pedestrian/bicycle lane on one side.
- Approximate cost:
 - o Removal of barrier = $\$36/\text{ft} \times 12,510 \text{ ft} = \$450,000$
 - o Replace median barrier = $\$75/\text{ft} \times 12,510 \text{ ft} = \$938,000$
 - o Restriping = $\$30/\text{ft} \times 12,510 \text{ ft} = \$375,000$
 - o New edge of roadway barriers = $\$40/\text{ft} \times 12,510 \text{ ft} \times 2 = \$1,001,000$
 - o Concrete deck widening = $\$250/\text{ft} \times 12,500 \text{ ft} = \$3,125,000$
 - o New pedestrian/bicycle railing = $\$75/\text{ft} \times 12,510 \text{ ft} = \$938,000$
 - o Add 6% for engineering = $\$410,000$
 - o Add 15% for construction inspection = $\$1,024,000$
 - o Add 15% for contingencies = $\$1,024,000$
 - o **APPROXIMATE TOTAL COST = $\$9,285,000$**

Queen Isabella Causeway - Bicycle/Pedestrian Study



Option 2:

- Widen deck from 67.9 ft to 71.0 ft to provide the following:
 - o 4 - 12 ft lanes
 - o 1 - 10 ft wide pedestrian/bicycle path
 - o 1 ft wide edge barriers
 - o 1 ft wide pedestrian/bicycle rail
 - o 2 ft wide median barrier
 - o 4 - 2 ft shoulders
- Assuming deck cantilevers approx. 2 ft from CL of exterior barrier in current condition, the widened cantilevers will be approx. 3'-7" on each side of the bridge.
- The median barrier would have to be relocated in order to provide the pedestrian/bicycle lane on one side.
- Approximate cost:
 - o Removal of barrier = $\$36/\text{ft} \times 12,510 \text{ ft} = \$450,000$
 - o Replace median barrier = $\$75/\text{ft} \times 12,510 \text{ ft} = \$938,000$
 - o Restriping = $\$30/\text{ft} \times 12,510 \text{ ft} = \$375,000$
 - o New edge of roadway barriers = $\$40/\text{ft} \times 12,510 \text{ ft} \times 2 = \$1,001,000$
 - o Concrete deck widening = $\$250/\text{ft} \times 12,500 \text{ ft} = \$3,125,000$
 - o New pedestrian/bicycle railing = $\$75/\text{ft} \times 12,510 \text{ ft} = \$938,000$
 - o Add 6% for engineering = $\$410,000$
 - o Add 15% for construction inspection = $\$1,024,000$
 - o Add 15% for contingencies = $\$1,024,000$
 - o APPROXIMATE TOTAL COST = $\$9,285,000$



**4-D DISCUSSION AND POSSIBLE ACTION REGARDING STATUS BY
FAGAN CONSULTING ON RFP FOR BACK OFFICE SOLUTIONS
AND BRIDGE INTEROPERABILITY**

PROJECTS UPDATE

Ron Fagan

Fagan Consulting

July 9, 2015



AGENDA

- ▶ Back Office System Request for Proposals (RFP)
- ▶ Project Host Server
- ▶ International Bridge Interoperability
- ▶ Questions



BACK OFFICE SYSTEM / LOCAL CSC



BOS / CSC

- ▶ Provide services locally to CCRMA customers
- ▶ Image processing
- ▶ Pay-By-Mail video bill creation
- ▶ Mail services
- ▶ Phone and walk-in service center



BENEFITS OF BOS / CSC

- ▶ Better serve CCRMA customers
- ▶ Increase revenue and financial control
- ▶ Support local violation enforcement
- ▶ Support court locally
- ▶ Offer enhanced services to customers



BOS KEY MILESTONES

- ▶ Business rules development
- ▶ RFP issuance, evaluation, recommendation & contract award
- ▶ System design
- ▶ Hardware procurement / software development



BOS / CSC PARTICIPANTS

- ▶ CCRMA staff
- ▶ Fagan Consulting
- ▶ Vendor TBD



BOS KEY MILESTONES

- ▶ Testing
 - ▶ FAT
 - ▶ Integration testing
 - ▶ SAT
- ▶ Implementation
 - ▶ Ops testing
 - ▶ Monitoring
- ▶ 12 – 18 months once RFP advertised



PROJECT HOST SERVER



PROJECT HOST SERVER (PHS)

- ▶ Implement a local PHS
- ▶ Support all CCRMA tolling operations (current & future)
- ▶ Manage system communication with:
 - ▶ SH 550
 - ▶ CTRMA for TX Interoperability
 - ▶ International bridges
 - ▶ CCRMA Back office system (BOS)
- ▶ Similar to CTRMA, NETRMA and CRRMA



BENEFITS OF PHS

- ▶ Tailor services to CCRMA customers
- ▶ Supports local toll projects
- ▶ Increases control
 - ▶ Operational
 - ▶ Technical
- ▶ Improved reporting
 - ▶ Revenue
 - ▶ Data analysis
 - ▶ Performance measurements



PHS PARTICIPANTS

- ▶ Schneider Electric
- ▶ CCRMA Staff
- ▶ Fagan Consulting



KEY MILESTONES

- ▶ System design
- ▶ Hardware procurement / software development
- ▶ Testing
 - ▶ Factory Acceptance Testing (FAT)
 - ▶ System Acceptance Testing (SAT)
 - ▶ Operations Testing
- ▶ Approximately six months to complete



INTERNATIONAL BRIDGE INTEROPERABILITY (IOP)



INTERNATIONAL BRIDGE IOP



- ▶ International bridge AVI customers pay on SH 550
- ▶ Exchange customer and transaction information
- ▶ Financial reconciliation between CCRMA and bridges

BENEFITS OF BRIDGE IOP



- ▶ Ease of payment of SH 550 for bridge customers
- ▶ Reduce unpaid tolls on SH 550
- ▶ Assurance to all customers that everyone has to pay
- ▶ Increased revenue for CCRMA
- ▶ An operational model for others to consider

BRIDGE IOP PARTICIPANTS

- ▶ TRMI
- ▶ Schneider
- ▶ Cameron County International Bridge
- ▶ Pharr-Reynosa International Bridge
- ▶ CCRMA staff
- ▶ Fagan Consulting



KEY MILESTONES

- ▶ Awaiting TRMII schedule
- ▶ System design
- ▶ Hardware procurement / software development
- ▶ Testing
 - ▶ FAT
 - ▶ Integration testing
 - ▶ SAT
 - ▶ Operations testing
- ▶ Early 2016



QUESTIONS?

CCRMA

3461 Carmen Ave.

Rancho Viejo, Texas 78575

Phone (956) 621-5571

Fax (956) 621-5590

www.ccrma.org



**4-E CONSIDERATION AND APPROVAL OF A WORK AUTHORIZATION
WITH THE CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY
FOR A HOST SERVER (TABLED)**

**4-F CONSIDERATION AND APPROVAL OF AN INTERLOCAL
AGREEMENT BETWEEN THE CAMERON COUNTY REGIONAL
MOBILITY AUTHORITY AND THE TEXAS DEPARTMENT OF
TRANSPORTATION REGARDING TXTAGS (TABLED)**

**4-G CONSIDERATION AND APPROVAL OF SUPPLEMENTAL WORK
AUTHORIZATION NO. 2 TO WORK AUTHORIZATION NO. 1 WITH
S&B INFRASTRUCTURE FOR THE SH 550 PROJECT**

SUPPLEMENTAL WORK AUTHORIZATION NO. 2 TO WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Article 7 of the **Agreement** made by and between the **CAMERON COUNTY REGIONAL MOBILITY AUTHORITY (CCRMA)**, hereinafter called the "**Authority**", and **S&B INFRASTRUCTURE, LTD.**, professional engineers of McAllen, Texas, hereinafter called the "**ENGINEER**".

The following terms and conditions of Work Authorization No. 1 are hereby amended, as follows:

PART 1. Scope of Work. The purpose of this Work Authorization is to provide professional services consisting of Construction Management Services for SH 550 from US 77/83 to 0.53 Miles East of Old Alice Road (incorporated herein by reference as the "**Project**").

The scope of services to be provided by the **Engineer** is identified in **ATTACHMENT "B" –Scope of Services to be provided by the Engineer** attached hereto.

PART 2. Estimated Cost. The estimated cost for services under this Work Authorization is **\$2,431,989.33 (increased by \$140,602.39)**. This amount is based upon the costs outlined in the **Estimated Cost Proposal** attached hereto as **ATTACHMENT "D"**.


PART 4. Period of Service. This Work Authorization shall become effective on the date of final acceptance of the parties hereto, and all work associated with this Work Authorization shall expire November 30, 2015 and be performed within the time period identified in the **Project Schedule** attached hereto as **ATTACHMENT "C"**.

THIS SUPPLEMENTAL WORK AUTHORIZATION shall become effective on the date of final execution of the parties hereto. All other terms and conditions of Work Authorization No. 1 not hereby amended are to remain in full force and effect.

THE ENGINEER:
S&B INFRASTRUCTURE, LTD.

BY: 
Daniel O. Rios, PE, Senior Vice President

THE AUTHORITY:
CAMERON COUNTY REGIONAL MOBILITY AUTHORITY

BY: 
David E. Alex, Chairman 7.9.15

LIST OF ATTACHMENTS

ATTACHMENT "B"	-	Scope of Services to be Provided by the Engineer
ATTACHMENT "C"	-	Project Schedule
ATTACHMENT "D"	-	Fee Schedule

Cameron County Regional Mobility Authority / S&B Infrastructure, Ltd.
"SH 550 CM"

ATTACHMENT B

Scope of Services to be Provided by the Engineer

County: Cameron

Project: SH 550 Drainage Study and Additional Inspection Tasks

Services – Project Understanding and Goals

I. Drainage Study and Construction Management

Services under this section begin upon issuance of a Notice to Proceed or a Partial Notice to Proceed by the Authority.

The work to be performed by the CONSULTANT under this contract shall consist of providing engineering services required for the Hydrologic and Hydraulic Analysis (2 Options) for the existing Drainage Issues at the intersection of SH 550 and the Brownsville – Rio Grande Railroad located approximately 1.35 miles North of SH 48 along SH 550. These limits are illustrated below:



TASK 100 – HYDROLOGIC & HYDRAULIC ANALYSIS

A. Hydrologic Analysis (Rational Method)

- B. Hydraulic Analysis (Ditch and Culvert) – 2 Options
- C. Hydrologic and Hydraulic Analysis and Recommended Alternative Report

TASK 150 – FIELD SURVEYING

- A. Topographic Design Survey along both Options and the outfall channels.

TASK 320 – CONSTRUCTION MANAGEMENT

The following outlines additional /modified activities and services to be Provided by the Engineer associated with the Project:

- A. Project Inspection and Record Keeping for:
 - a. Bridge Deck Repair at FM 1847.
 - b. Bridge Approach Work.
 - c. Additional Construction Days
- B. Time for Project record keeper – Time was increased from $\frac{1}{4}$ of project duration to $\frac{1}{2}$ of project duration.

ATTACHMENT C

ID	Task Name SUMMARY	Duration 741 days	Start Mon 1/28/13	Fresh Mon 11/20/15
2	S&B NTP	0 days	Mon 1/28/13	Mon 1/28/13
3	Construction Phase Services	508 days	Tue 1/29/13	Tue 1/6/15
4	Anderson Columbia Construction NTP	0 days	Mon 2/4/13	Mon 2/4/13
5	Construction SH-550	588 days	Mon 2/11/13	Wed 5/13/15
6	End Construction	0 days	Wed 5/13/15	Wed 5/13/15
7	Project Close-Out	143 days	Thu 5/14/15	Mon 11/20/15

ATTACHMENT D ~ FEE SCHEDULE

ATTACHMENT D ~ FEE SCHEDULE

**4-H CONSIDERATION AND APPROVAL OF THE SH 550
SUPPLEMENTAL AGREEMENT NO. 4 TO AGREEMENT FOR
PROFESSIONAL SERVICES WITH S&B INFRASTRUCTURE**

THE STATE OF TEXAS §
 §
COUNTY OF CAMERON §

**SUPPLEMENTAL AGREEMENT NO. 4
TO AGREEMENT FOR PROFESSIONAL SERVICES**

THIS SUPPLEMENTAL AGREEMENT is made pursuant to the terms and conditions of Article 8 of the **Agreement** made by and between the **CAMERON COUNTY REGIONAL MOBILITY AUTHORITY "Authority"**, and **S&B INFRASTRUCTURE, LTD.**, of McAllen, Texas, hereinafter called the "**Engineer**".

WITNESSETH

WHEREAS, the **Authority** and the **Engineer** executed the **Agreement** on the 11th day of February 2013 concerning the provision of professional services consisting of Construction Management Services of SH 550 from U.S. 77/83 to 0.53 Miles East of Old Alice Road ("Project").

WHEREAS, Article 2, Paragraph 2.2 of the **Agreement**, Classification of Services, establishes the professional services to be provided by the **Engineer**, as more particularly identified in **EXHIBIT "B"** and,

WHEREAS, Article 5, Paragraph 5.3 of the **Agreement**, Contract not to Exceed Amount, establishes the maximum amount the **Engineer** will be paid for services rendered; and,

WHEREAS, it has become necessary to amend the contract to and increase the maximum amount the **Engineer** will be paid for services rendered.

AGREEMENT

NOW THEREFORE, premises considered, the **Authority** and the **Engineer** agree that said **Agreement** is amended as follows:

- I. Article 2, Paragraph 2.2 of the **Agreement**, Classification of Services, is modified to include **EXHIBIT "B"**, hereto attached.
- II. Article 5, Paragraph 5.3 of the **Agreement**, Contract not to Exceed Amount, is void and replaced with the following:

5.3 Contract not to Exceed Amount: The maximum **Engineer** will be paid is \$2,730,815.21 unless that amount is modified by mutual agreement of the Parties.

All other provisions are unchanged and remain in full force and effect.

IN WITNESS WHEREOF, the **Engineer** and the **Authority** have caused this Supplemental Agreement to the Agreement for Professional Services to be executed as of the 5th day of May, 2015.

S&B Infrastructure, Ltd.
"SH 550 CM"

THE ENGINEER:
S&B INFRASTRUCTURE, LTD.

BY: 
Daniel O. Rios, P.E., Senior Vice President

OWNER:
CAMERON COUNTY REGIONAL MOBILITY AUTHORITY

BY: 
David Alex, RMA Chairman 7.9.15

ATTEST:

LIST OF ATTACHMENTS
Exhibit B – Services to be Provided by the Engineer
Exhibit D – Fee Schedule

ATTACHMENT B
Scope of Services to be Provided by the Engineer

County: Cameron

Project: SH 550 Drainage Study and Additional Inspection Tasks

Services – Project Understanding and Goals

I. Drainage Study and Construction Management

Services under this section begin upon issuance of a Notice to Proceed or a Partial Notice to Proceed by the Authority.

The work to be performed by the CONSULTANT under this contract shall consist of providing engineering services required for the Hydrologic and Hydraulic Analysis (2 Options) for the existing Drainage Issues at the intersection of SH 550 and the Brownsville – Rio Grande Railroad located approximately 1.35 miles North of SH 48 along SH 550. These limits are illustrated below:



TASK 100 – HYDROLOGIC & HYDRAULIC ANALYSIS

A. Hydrologic Analysis (Rational Method)

- B. Hydraulic Analysis (Ditch and Culvert) – 2 Options
- C. Hydrologic and Hydraulic Analysis and Recommended Alternative Report

TASK 150 – FIELD SURVEYING

- A. Topographic Design Survey along both Options and the outfall channels.

TASK 320 – CONSTRUCTION MANAGEMENT

The following outlines additional /modified activities and services to be Provided by the Engineer associated with the Project:

- A. Project Inspection and Record Keeping for:
 - a. Bridge Deck Repair at FM 1847.
 - b. Bridge Approach Work.
 - c. Additional Construction Days
- B. Time for Project record keeper – Time was increased from $\frac{1}{4}$ of project duration to $\frac{1}{2}$ of project duration.

PROJECT: SR 550 Drainage Study and Inspection Additional Tasks
 CLIENT: CCRMA
 CONTRACT: x
 COUNTY: Cameron
 S & B JOB NO.: U1965

05/05/15

EXHIBIT D -- FEE SCHEDULE

ACTIVITY CODE	FUNCTION CODE	DESCRIPTION from Attachment B	FIRM	SERVICE	Principal	Project Manager	Senior Structural Engineer	Engineer V	Env Specialist	Engineer III	Project Inspector (V)	Record Keeper	CADD Operator (I)	Admin/CI	TOTAL HRS	ESTIMATED FEE	TOTALS
100		H&H ANALYSIS															
682100		1 Hydrologic Analysis (Rational Method)	S & B	BASIC		2		9		18					29	\$4,634.99	
682100		2 Hydraulic Analysis (Ditch and Culvert)	S & B	BASIC		2		6		9					17	\$2,801.48	
		Sub Total (100 - H&H ANALYSIS)			0	4	0	15	0	27	0	0	0	0	46		\$7,436.47
110		GENERATE H&H REPORT															
681000		Report Preparation	S & B	BASIC		1		24		24					49	\$8,178.37	
681000		Production	S & B	BASIC				2		6					11	\$1,640.06	
		Sub Total (110 - GENERATE H&H REPORT)			0	1	0	26	0	30	0	0	0	0	60		\$9,818.43
150		FIELD SURVEYING															
684150		Survey	DOSS	SPECIAL											0	\$11,810.00	
682500		Coordination and development of survey	S & B	BASIC		1		2		5					13	\$1,644.51	
		Sub Total (150 - FIELD SURVEYING)			0	1	0	2	0	5	0	0	5	0	13		\$13,454.51
320		CONSTRUCTION MANAGEMENT															
681020		Project Inspection - Additional Inspection for Bridge Deck Repair, Bridge Approach work and additional Contractor Days. Additional 1/4 time for Record Keeper	S & B	BASIC			24				865	216			1,081	\$98,974.04	
682120		Shop Drawing Review - Structural	S & B	BASIC											33	\$5,277.72	
		Sub Total (320 - CONSTRUCTION MANAGEMENT)			0	0	24	0	0	0	865	216	5	4	1,114		\$104,251.76
164		GENERAL COORDINATION															
681010		Monthly and/or Progress Meetings	S & B	BASIC	10										10	\$2,901.20	
681010		Prepare Proj. Meetings Notes	S & B	BASIC				2							6	\$654.22	
		Sub Total (164 - GENERAL COORDINATION)			10	0	0	2	0	0	0	0	0	4	16		\$3,555.42
		Sub Total (100 - 164)			10	6	24	45	0	65	865	216	10	8	1,249	\$126,706.59	
		LABOR TOTALS															\$138,516.59
		Total Hours	MULTIPLIER		10	6	24	45	0	65	865	216	10	8	1,249		
		CONTRACT RATES: (\$/MAN-HOUR)	3.3416		290.12	193.81	193.45	193.45	165.48	139.24	93.56	83.54	73.52	66.83			
		BASE RATES: (\$/MAN-HOUR)			88.82	58.00	57.89	57.89	49.52	41.67	28.00	25.00	22.00	20.00			
160		NON LABOR															
52000		a FedEx Courier	S & B	BASIC												\$400.00	
50650		b Outside reproduction	S & B	BASIC												\$1,000.00	
52400		c Travel - Mileage (To Project Site - 2 Trips Per Week)	S & B	BASIC				2								Mileage Rate (\$/mi) = \$140.40	
52400		d Travel to CCRMA Office - Mileage	S & B	BASIC				2								Mileage Rate (\$/mi) = \$140.40	
52400		e Travel - Lodging	S & B	BASIC				1								Cost per Night = \$80.00	
52200		f Travel - Meals	S & B	BASIC				1								Cost per Day = \$25.00	
52400		g Travel - Airfare	S & B	BASIC				1								Airfare per Trip = \$225.00	
52400		h Travel - Rental Vehicle	S & B	BASIC				1								Rental per Day = \$75.00	
		Sub Total (F.C. 160)															\$2,085.80
		NON LABOR TOTAL															\$2,085.80
		BASIC SERVICE TOTAL														\$	126,792.39
		SPECIAL SERVICE TOTAL														\$	11,810.00
		PROJECT TOTAL															\$140,602.39

**4-1 CONSIDERATION AND APPROVAL OF WORK AUTHORIZATION
NO. 2 WITH S&B INFRASTRUCTURE FOR THE SH 550 GAP
PROJECT**

WORK AUTHORIZATION NO. 2

This Work Authorization is made as of this 9th day of July, 2015, under the terms and conditions established in the AGREEMENT FOR GENERAL CONSULTING ENGINEERING SERVICES, dated as of November 1, 2014 (the "Agreement"), between the Cameron County Regional Mobility Authority ("Authority") and S&B Infrastructure, Ltd. ("GEC"). This Work Authorization is made for the following purpose, consistent with the services defined in the Agreement.

Professional services including:



Section A. - Scope of Services

A.1 GEC shall perform the Services:

Reference Exhibit A – Services to be Provided by the GEC

A.2 The following Services are not included in this Work Authorization, but shall be provided as Additional Services if authorized or confirmed in writing by the Authority.

N/A

A.3 In conjunction with the performance of the foregoing Services, GEC shall provide the following submittals / deliverables (Documents) to the Authority.

Reference Exhibit A – Services to be Provided by the GEC

Section B. - Schedule

GEC shall perform the Services and deliver the related Documents (if any) according to the following schedule:

Reference Exhibit B – Work Schedule

This Work Authorization No. 2 shall become effective **July 9, 2015** and shall terminate on **September 30, 2016**, unless extended by a Supplemental Work Authorization.

Section C. - Compensation

- C.1. In return for the performance of the foregoing obligations, the Authority shall pay to the GEC the amount not to exceed \$477,390.69 based on the attached fee estimate as shown in Exhibit C. Compensation shall be in accordance with the Agreement.
- C.2. Compensation for Additional Services (if any) shall be paid by the Authority to the GEC according to the terms of a future Work Authorization.

Section D. - Authority's Responsibilities

The Authority shall perform and/or provide the following in a timely manner so as not to delay the Services of the GEC. Unless otherwise provided in this Work Authorization, the Authority shall bear all costs incident to compliance with the following:

Reference Exhibit D – Authorities Responsibilities

Section E. - Other Provisions

The parties agree to the following provisions with respect to this specific Work Authorization: N/A

Except to the extent expressly modified herein, all terms and conditions of the Agreement shall continue in full force and effect.

Authority: Cameron County Regional
Mobility Authority
By: David E. Finner
Signature: [Signature]
Title: AMA Chairman
Date: 7.9.15

GEC: S&B Infrastructure, Ltd.
By: Daniel O. Rios, PE
Signature: [Signature]
Title: Senior Vice President
Date: July 6, 2015

Exhibits:

- Exhibit A – Services to be Provided by the GEC
- Exhibit B – Work Schedule
- Exhibit C – Fee Estimate
- Exhibit D – Authorities Responsibilities

EXHIBIT A SCOPE OF SERVICES

County: Cameron

Project: SH 550 PS&E

Services – Project Understanding and Goals

I. Final Design and Production of Construction Plans and Specifications

Services under this section begin upon receipt of capital sufficient to develop the transportation project and/or upon issuance of a Notice to Proceed or a Partial Notice to Proceed by the Authority.

The work to be performed by the GEC under this contract shall consist of providing engineering services required for the revising and repackaging of plans, specifications and estimates (PS&E) for the construction of SH 550 tolled main lanes between existing frontage road lanes from 0.54 miles east of Old Alice Road to 0.48 miles west of FM 1847. These limits are illustrated below:



TASK 150 – FIELD SURVEYING AND PHOTOGRAMMETRY

The **Engineer** will verify and/or reestablish control for the limits identified above.

TASK 163 – MISCELLANEOUS ROADWAY

A. TASK 163.01 – General Plan Sheet Revisions

The following plan sheets will have updated limits, sheet quantities, sheet numbers, specification call outs, etc.

1. Title Sheet (1 Sheet)
2. Index of Sheets (2 Sheets)
3. Project Layout (2 Sheets)
4. Existing Typical Section (1 Sheet)
5. Proposed Typical Section (3 Sheets)
6. General Notes (2 Sheets)
7. E & Q Sheets (2 Sheets)
8. TCP Summary Sheets (2 Sheets)
9. Roadway Quantities Sheets (2 Sheets)
10. Earthwork Quantities Sheets (1 Sheets)
11. Drainage Summary Sheets (1 Sheets)
12. SW3P & Retaining Wall Summary Sheets (1 Sheets)
13. Illumination Summary Sheets (1 Sheets)
14. Summary of Large Signs Sheets (1 Sheets)
15. Summary of Small Signs Sheets (1 Sheets)
16. Pavement Marking Summary Sheets (1 Sheets)
17. Delineator and Object Marker Summary Sheets (1 Sheets)
18. Miscellaneous Sign Summary Sheets (1 Sheets)
19. TCP General Notes Sheets (1 Sheets)
20. TCP Sequence of Work Sheets (1 Sheets)
21. TCP Typical Sections Sheets (3 Sheets)
22. TCP Advance Warning Signs Sheets (3 Sheets)
23. TCP Phase I Sheets (7 Sheets)
24. TCP Phase II Sheets (7 Sheets)
25. TCP Culvert Sheets (2 Sheets)
26. TCP SH 550 Ramp Tie-Ins Sheets (4 Sheets)
27. TCP Standards Sheets (42 Sheets)
28. Horizontal and Vertical Control Sheets (4 Sheets)
29. Horizontal Alignment Data Sheets (1 Sheets)
30. SH 550 Mainlane Plan Sheets (7 Sheets)
31. Miscellaneous Roadway Detail Sheets (3 Sheets)
32. Roadway Standards Sheets (30 Sheets)
33. Drainage Area Maps - Small Areas Sheets (1 Sheets)
34. Drainage Area Maps - Large Areas Sheets (3 Sheets)
35. Hydraulic Computation Sheets (4 Sheets)
36. Drain Ditch Profile Sheets (7 Sheets)
37. SH 550 Utility and Drainage Sheets (7 Sheets)
38. Storm Drain Cross Sections Sheets (2 Sheets)
39. Cut and Restore Quantities Sheets (1 Sheets)
40. Miscellaneous Drainage Details Sheets (1 Sheets)
41. Drainage Standards Sheets (10 Sheets)

- 42. Illumination Layouts Sheets (6 Sheets)
- 43. Electrical Service Summary Sheets (1 Sheets)
- 44. Illumination Standards Sheets (26 Sheets)
- 45. Signing and Pavement Marking Layout Sheets (7 Sheets)
- 46. Sign Details Sheets (2 Sheets)
- 47. Sign Standards Sheets (14 Sheets)
- 48. Pavement Marking Standards Sheets (14 Sheets)
- 49. Storm Water Pollution Prevention Plan Sheets (1 Sheets)
- 50. EPIC Sheet (1 Sheet)
- 51. Mainlane SW3P Layouts Sheets (5 Sheets)
- 52. Environmental Standards Sheets (4 Sheets)

B. TASK 163.01 – Bid Packaging

- 1. Modify project quantities, construction estimate, and specifications to 2014.
- 2. Modify list of special specifications for non-standard items, if required, and list of special provisions to be used.
- 3. Modify general notes applicable to the project.
- 4. Prepare Construction Time Schedules.
- 5. Reassemble and resubmit to the AUTHORITY three (3) reproducible paper (11" x 17") copies of the plans for review by the TxDOT Pharr District at the design completion.
- 6. Attend one review meetings for project milestones and make necessary revisions to the plans.
- 7. Reassemble and refurbished signed original paper (11" x 17") drawings, including all applicable standards with new project limits.

TASK 164 – PROJECT MANAGEMENT

- A. Continue to coordinate with TxDOT staff, local municipal agencies and utility companies.
- B. Develop geometric and design criteria to establish uniform practices to be followed. Assemble existing TxDOT standard plans and prepare supplemental details for use as standard or guide plans for pavement, drainage, structures, traffic interchange facilities, traffic control, and other necessary appurtenances, all subject to the approval of the Authority.
- C. Provide the Authority with monthly reports of progress and a summary of key decisions that have been made or need to be made.
- D. Recommend approved designs, plans, and specifications and deliver to the Authority for bid advertisement. Assist the Authority in the process of bidding and award of construction contracts. Prepare final estimates of construction costs prior to the opening of construction bids.

- E. Professional engineers' seals shall conform to the guidelines and regulations adopted by the Texas Board of Professional Engineers.

II. Construction Management Oversight and Inspection

TASK 320 – CONSTRUCTION MANAGEMENT

- A. Advise and assist the Authority and the construction manager on all matters of engineering related to interpretation of design details, construction techniques and procedures, specifications, standard construction details, and construction plans.
- B. Advise and assist the authority and the construction manager in evaluating and resolving construction problems and providing guidance in matters relating to construction quality assurance.
- C. Review the qualifications of construction contractors, verify the tabulating of all construction contract bids received as tabulated by the construction manager, review bids relative to budgets and make recommendations to the Authority with respect to the award of construction contracts. Advise and assist the Authority in the preparation and advertising of construction contract bidding opportunities.
- D. Coordinate with the Authority and monitor the construction of utility relocations to verify that line and grade of relocated utilities will not conflict with the construction of the transportation project and report to the Authority the progress of utility adjustments and relocations relative to maintaining required time schedules to achieve clearance and of costs being incurred relative to the budget.
- E. Review progress and final payment requests received from utility companies and utility company contractors for adjustment and relocation of utilities.
- F. Review construction contract shop drawings, erection drawings, working drawings, samples, material and product certifications, and catalog cuts and brochure submittals for general conformance with the design plans and specifications.
- G. Review mill and shop inspection and laboratory tests and field tests of construction materials performed by the testing engineer and the testing verification engineer.
- H. Review and recommend approval of progress payment requests, schedules, progress reports, and final payment requests, including certificates of completion, submitted by the testing engineer, geotechnical engineer, land surveyor, and all other consultants retained by the Authority to assist in designing and constructing the project.
- I. Verify and certify final inspection reports of the completed construction issued by the construction manager and issue recommendations and certifications of completion of construction.

EXHIBIT A
SCOPE OF SERVICES

- J. Compile and provide the Authority with Record Plans incorporating all construction revisions into the original "as bid" construction plans. Such Record Plans will be based on information furnished by the constructors to the construction manager showing the changes made during construction. The construction manager shall post the "as built" plan revision information it receives on the original tracings and/or digital plan designs. All standard drawings issued before or during construction and /or modified or supplemented during construction shall likewise be bound into six (6) sets and delivered to the Authority.

Exhibit B: Work Schedule

ID	Task Name	Duration	Start	Finish	Predecessors	2016	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	SH 550 GAP Project West Segment Only	322 days	Thu 7/9/15	Fri 9/30/16																	
2	Notice To Proceed (NTP)	0 days	Thu 7/9/15	Thu 7/9/15																	
3	Design Phase	45 days	Thu 7/9/15	Wed 9/9/15	2																
4	Letting Phase	45 days	Thu 9/10/15	Wed 11/11/15	3																
5	Construction Phase	187 days	Thu 11/12/15	Fri 7/29/16	4																
6	Project Closing	45 days	Mon 8/1/16	Fri 9/30/16	5																

7/9



Project: SH 550 Gap Project Small Se
Date: Fri 6/26/15

PROJECT: SH 550 Revise Plans and CM
 CLIENT: CCRMA
 CONTRACT: x
 CSJ: x
 COUNTY: Cameron
 S & B JOB NO.: U2299-200

Exhibit C - Fee Estimate

ACTIVITY CODE	FUNCTION CODE	DESCRIPTION from Attachment B	FIRM	SERVICE	Principal	Director of OC/DA	Project Manager	Env Manager	Env Scientist	Env Tech	Engineer Structural	Engineer (V)	Engineer (IV)	Engineer (UI)	Designer (V)	CADD Operator (I)	Secretary	TOTAL HRS	ESTIMATED FEE	TOTALS
120		SOCIAL & ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT																		
62540		1 Update EPC sheets	S & B	BASIC				2	4	12								18	\$1,806.32	
		Sub Total (120 - SOCIAL & ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT)						2	4	12								18		\$1,806.32
150		FIELD SURVEYING AND PHOTOGRAMMETRY																		
64560		1c Verify and Set Control	ROCS	SPECIAL														0	\$10,761.25	
62550		1 Coordination and development of survey	S & B	SPECIAL														23	\$2,499.84	
		Sub Total (150 - FIELD SURVEYING AND PHOTOGRAMMETRY)																23		\$11,261.09
103		Miscellaneous Drafting Standards Review sheets																		
62221		The Sheet (1 Sheet)	S & B	BASIC														12	\$1,268.97	
62221		Index of Sheets (2 Sheets)	S & B	BASIC														24	\$2,750.06	
62100		Project Layout (2 Sheets)	S & B	BASIC														21	\$2,377.23	
62120		Existing Typical Section (1 Sheet)	S & B	BASIC														14	\$1,575.91	
62102		Proposed Typical Section (3 Sheets)	S & B	BASIC														22	\$2,508.25	
62102		General Notes (2 Sheets)	S & B	BASIC														35	\$4,048.08	
62102		E & O Sheets (2 Sheets)	S & B	BASIC														42	\$4,693.17	
62102		ICP Summary Sheets (2 Sheets)	S & B	BASIC														29	\$3,161.06	
62102		Roadway Quantities Sheets (1 Sheet)	S & B	BASIC														14	\$1,645.01	
62102		Earthwork Quantities Sheets (1 Sheet)	S & B	BASIC														25	\$2,628.80	
62102		Drainage Summary Sheets (1 Sheet)	S & B	BASIC														17	\$2,032.07	
62102		SW30' & Retaining Wall Summary Sheets (1 Sheet)	S & B	BASIC														18	\$2,174.04	
62102		Drainage Summary Sheets (1 Sheet)	S & B	BASIC														18	\$2,032.10	
62102		Summary of Large Signs Sheets (1 Sheet)	S & B	BASIC														23	\$2,544.98	
62102		Summary of Small Signs Sheets (1 Sheet)	S & B	BASIC														21	\$2,161.11	
62102		Pavement Marking Summary Sheets (1 Sheet)	S & B	BASIC														16	\$1,774.06	
62102		Deflector and Object Marker Summary Sheets (1 Sheet)	S & B	BASIC														21	\$2,338.56	
62102		Miscellaneous Sign Summary Sheets (1 Sheet)	S & B	BASIC														16	\$1,774.06	
62102		ICP General Notes Sheets (1 Sheet)	S & B	BASIC														22	\$2,515.97	
62102		ICP Sequence of Work Sheets (1 Sheet)	S & B	BASIC														23	\$2,575.89	
62102		ICP Typical Sections Sheets (3 Sheets)	S & B	BASIC														43	\$4,822.19	
62102		ICP Advance Warning Signs Sheets (3 Sheets)	S & B	BASIC														42	\$4,580.27	
62102		ICP Phase 1 Sheets (1 Sheet)	S & B	BASIC														46	\$4,580.27	
62102		ICP Phase 1 Sheets (1 Sheet)	S & B	BASIC														46	\$4,580.27	
62102		ICP Culvert Sheets (2 Sheets)	S & B	BASIC														14	\$1,522.45	
62102		ICP SH 550 Ramp Tie-In Sheets (4 Sheets)	S & B	BASIC														26	\$2,819.14	
62102		ICP Standards Sheets (4 Sheets)	S & B	BASIC														42	\$4,335.03	
62102		Horizontal and Vertical Control Sheets (4 Sheets)	S & B	BASIC														4	\$481.25	
62102		Horizontal and Vertical Control Sheets (1 Sheet)	S & B	BASIC														3	\$353.84	
62102		SH 550 Midline Plain Sheets (7 Sheets)	S & B	BASIC														25	\$2,467.53	
62102		SH 550 Ramp Profile Sheets (7 Sheets)	S & B	BASIC														25	\$2,467.53	
62102		Miscellaneous Roadway Detail Sheets (3 Sheets)	S & B	BASIC														9	\$919.28	
62102		Roadway Standards Sheets (30 Sheets)	S & B	BASIC														30	\$3,096.45	
62102		Drainage Area Maps - Small Areas Sheets (1 Sheet)	S & B	BASIC														5	\$590.27	
62102		Drainage Area Maps - Large Areas Sheets (2 Sheets)	S & B	BASIC														7	\$796.70	
62102		Hydraulic Data Sheets (2 Sheets)	S & B	BASIC														5	\$590.27	
62102		Hydraulic Computation Sheets (3 Sheets)	S & B	BASIC														7	\$796.70	
62102		Drain Ditch Profile Sheets (7 Sheets)	S & B	BASIC														17	\$1,774.02	
62102		SH 550 Utility and Drainage Sheets (2 Sheets)	S & B	BASIC														17	\$1,774.02	
62102		Storm Drain Cross Sections Sheets (1 Sheet)	S & B	BASIC														7	\$745.09	
62102		Cut and Restore Quantities Sheets (1 Sheet)	S & B	BASIC														4	\$461.25	
62102		Miscellaneous Drainage Details Sheets (1 Sheet)	S & B	BASIC														4	\$461.25	
62102		Drainage Standards Sheets (10 Sheets)	S & B	BASIC														10	\$1,032.15	
62102		Burnination Layouts Sheets (6 Sheets)	S & B	BASIC														27	\$2,902.95	
62102		Electrical Service Summary Sheets (1 Sheet)	S & B	BASIC														7	\$745.09	

S A B JOB NO.: U2299.200

LABOR TOTALS

Exhibit C - Fee Estimate

ACTIVITY CODE	FUNCTION CODE	DESCRIPTION from Attachment B	FIRM	SERVICE	Principal	Director of OC/OA	Project Manager	Env Manager	Env Scientist	Env Tech	Engineer Structural	Engineer (V)	Engineer (IV)	Engineer (III)	Designer (V)	CADD Operator (I)	Secretary	TOTAL HRS	ESTIMATED FEE	TOTALS
		Total Hours	QUALIFIER		0	16	224	2	4	12	23	433	14	338	309	522	176	2,073		
		CONTRACT RATES: (\$/MAN HOUR)	3 2246		306.43	274.18	241.92	174.18	122.57	80.64	199.99	177.41	181.28	129.02	112.90	77.41	64.51			
		BASE RATES: (\$/MAN HOUR)			95.00	85.00	75.00	54.00	38.00	25.00	62.00	55.00	50.00	40.00	35.00	24.00	20.00			
160		NON LABOR																		
52300		a FedEx Courier	S & B	BASIC															\$4,00.00	
50550		b Outside reproduction	S & B	BASIC															\$1,000.00	
52400		c Travel - Mileage During Plans Update	S & B	BASIC			120	1794	2										\$160.40	
52400		e Travel to District Area Office - Mileage	S & B	BASIC	Mileage per trip =		10	1794	2										\$11.70	
52399		e Travel - Mileage During CM - CCRMA Monthly update	S & B	BASIC	Mileage per trip =		120	1794	10										\$702.00	
52400		e Travel - Mileage During CM - Project SaaS 2 per week	S & B	BASIC	Mileage per trip =		80	1794	154										\$4,867.20	
		Sub Total (F.C. 160)																		\$7,121.30
		NON LABOR TOTAL																	\$7,121.30	
		BASIC SERVICE TOTAL																	\$	160,196.20
		PROJECT TOTAL																		\$477,350.69

RODS Surveying, Inc.

**HORIZONTAL, VERTICAL CONTROL FOR PHOTOGRAMMETRY
SH 550**

S&B Infrastructure

RODS Project No: 079-21506-001

LIMITS: Sta. 105+00 to Sta. 1163+50
LENGTH: 1.1 Mi.

TASK DESCRIPTION AERIAL PHASE	3-Person Field Party	RPLS	Survey Tech.	CADD Tech	Clerical	Total Labor Hrs. & Costs	CADD Workstation	Prof Abstractor	G.P.S. RTK
1. Recover and verify existing control established by others	10	2	3			15			4
2. Recover or set benchmarks at 1000' intervals along proposed route	10	1	3			14			
3. GPS horizontal & vertical location of benchmarks	5	1				6			8
4. Process GPS Data		2	5						
5. Run Digital Level Loop through Benchmarks	10	2	2			14			
6. Prepare 11" x 17" H&V control index & detail sheets		2	8	10		20	10		
RODS TOTAL LABOR HOURS	35	10	21	10	0	76	10	0	12
LABOR RATE PER HOUR	\$ 165.00	\$ 125.00	\$ 95.00	\$ 90.00	\$ 60.00		\$ 16.00	\$ 80.00	\$ 45.00
TOTAL LABOR COSTS	\$ 5,775.00	\$ 1,250.00	\$ 1,995.00	\$ 900.00	\$ -	\$ 9,920.00	\$ 160.00	\$ -	\$ 540.00
DIRECT EXPENSES:									
Mileage (250 mi @ \$0.565/mile)						\$ 141.25			
CADD Workstation						\$ 160.00			
G.P.S. RTK (1 unit @ \$45.00 hr)						\$ 540.00			
Abstractor						\$ -			
TOTAL						\$ 10,761.25			

Exhibit C

ATTACHMENT III

3/3/2015

SCOPE OF QUANTITIES AND FEES

SH 550 from 0.54 Miles East of Old Alice Rd. to 0.48 Miles West of FM 1847

Subgrade

Item No.	Description	Unit	Price	Amount	Extension
1	Lime Determination	each	\$185.00	5	\$925.00
2	Sample Pick-up / Trip Charge	each	\$70.00	5	\$350.00
3	Standard Proctor-Subgrade	each	\$145.00	10	\$1,450.00
4	Atterberg Limits	each	\$60.00	10	\$600.00
5	PH Test	each	\$60.00	10	\$600.00
	Pulv. Gradation	each	\$65.00	10	\$650.00
6	Sample Pick-up / Trip Charge	each	\$70.00	10	\$700.00
7	Nuclear Density Tests on Subgrade	each	\$38.00	65	\$2,470.00
	Lime Thickness	each	\$30.00	65	\$1,950.00
8	Trip Charge	each	\$60.00	22	\$1,320.00
10	Admin/Clerical	hour	\$42.40	30	\$1,272.00
Sub-Total					\$12,287.00

Back Fill

Item No.	Description	Unit	Price	Amount	Extension
1	Standard Proctor-	each	\$145.00	5	\$725.00
2	Atterberg Limits	each	\$60.00	5	\$300.00
3	Sample Pick-up / Trip Charge	each	\$60.00	5	\$300.00
4	Nuclear Density Test on Back fill	each	\$35.00	45	\$1,575.00
5	Trip Charge	each	\$60.00	15	\$900.00
7	Admin/Clerical	hour	\$42.40	10	\$424.00
Sub-Total					\$4,224.00

Base

Item No.	Description	Unit	Price	Amount	Extension
1	Standard Proctor-Base	each	\$145.00	4	\$580.00
2	Atterberg Limits	each	\$60.00	4	\$240.00
3	Gradation	each	\$60.00	4	\$240.00
	Wet Ball	each	\$180.00	1	\$180.00
	Triaxial	each	\$350.00	1	\$350.00
4	Sample Pick-up / Trip Charge	each	\$60.00	4	\$240.00
5	Nuclear Density Tests under Pavement	each	\$35.00	65	\$2,275.00
	Base Thickness	each	\$45.00	65	\$2,925.00
6	Trip Charge	each	\$60.00	22	\$1,320.00
8	Admin/Clerical	hour	\$42.40	21	\$890.40
					\$9,240.40

Concrete

Item No.	Description	Unit	Price	Amount	Extension
1	Cylinders Sets -	set of 4	\$48.00	4	\$192.00
2	Engineering Tech	hour	\$38.00	16	\$608.00
3	Sample Pick-up / Trip Charge	each	\$60.00	8	\$480.00
6	Admin/Clerical	hour	\$42.40	4	\$169.60
Sub-Total					\$1,449.60

Asphalt

Item No.	Description	Unit	Price	Amount	Extension
1	Extraction & Gradation	each	\$185.00	60	\$11,100.00
2	Sample Pick-up / Trip Charge	each	\$60.00	60	\$3,600.00
3	Max Theo	each	\$55.00	60	\$3,300.00
4	Sample Pick-up / Trip Charge	each	\$60.00	60	\$3,600.00
5	Asphalt Cores	each	\$45.00	240	\$10,800.00
6	Specific Gravity of Cores	each	\$40.00	240	\$9,600.00
7	Sample Pick-up / Trip Charge	each	\$60.00	75	\$4,500.00
9	Admin/Clerical	hour	\$42.40	110	\$4,664.00
Sub-Total					\$51,164.00

Estimated Project Total

\$78,365.00

PROJECT FEE FOR SH 550 ALTERNATE

	Contracted Rates	Consultant	Principal	Project Manager	Sr. Engineer	Project Engineer	Assistant Engineer	Project Insp V	Senior Engr Tech	Engr. Tech	Clerical
TASK 320	PROJECT MANAGEMENT/ADMINISTRATION		\$ 249.00	\$ 220.00	\$ 260.00	\$ 176.00	\$ 79.00	\$ 71.00	\$ 88.00	\$ 80.00	\$ 58.00
	PROJECT MANAGEMENT AND COORDINATION										
	A) Administer Work Authorization										
	B) Progress Reports, Scheduling										
	C) Meetings / Construction										
	TASK SUBTOTAL										
TASK 320	Construction Engineering										
	INSPECTION										
	Construction Inspection (DWR / SWOP / Bargeable)										
	TASK SUBTOTAL							1384			
	NON-LABOR							1384			
	Wages (15570 @ 55 cents)	Cost									
	NON-LABOR SUB TOTAL	\$8,563.00									
	TASKS SUBTOTAL	\$8,563.00									
	TOTAL HOURS (DOS Logistics)										
	Contracted Rates		\$ 249.00	\$ 220.00	\$ 260.00	\$ 176.00	\$ 79.00	\$ 71.00	\$ 88.00	\$ 80.00	\$ 58.00
	Total Labor Cost							\$88,284			
	Total Labor Cost			\$88,284.00							
	Total Non-Labor	\$8,563.00									
	Total WA Cost	\$96,847.00									

EXHIBIT D

Authorities Responsibilities

The following provides an outline of the services to be provided by the **Authority** in the development of the **Project** for this work authorization. (The **Project** is further defined and more particularly identified in **Exhibit "A"** attached to this work authorization).

GENERAL

The **Authority** will provide to the **Engineer** the following:

- (1) Provide **Engineer** with a Notices to Proceed.
- (2) Payment for work performed by the **Engineer** and accepted by **Authority** in accordance with this Agreement.
- (3) Assistance to the **Engineer**, as necessary, to obtain the required data and information from other local, regional, **State** and Federal agencies that the **Engineer** cannot easily obtain.
- (4) Provide timely review and decisions in response to the **Engineer's** request for information and/or required submittals and deliverables, in order for the **Engineer** to maintain an agreed-upon work schedule.
- (5) Provide all Pass-Through documents to the **Engineer** as needed.
- (6) Coordinate with TxDOT for Pass-Through items as needed. The Authority will negotiate and approve all change orders and other contract revisions that the Authority finds necessary or convenient to accomplish the construction activities for the Project. For change orders and other contract revisions that affect prior environmental approvals or result in non-conformity with the specifications and standards agreed upon for the Project, the Authority must assess any potential environmental effects and any additional or revised environmental permits, issues, coordination, mitigation, and commitments required as a result of the contract revisions.
- (7) Provide the **Engineer** the previous obtained mylars and electronic Microstation files for the project.
- (8) Assist the **Engineer** in notifying previous Engineer Designers of modifications being made to existing plan designs.

PROJECT: SH 550 Revise Plans and CM
CLIENT: CCRMA
CONTRACT: x
CSJ: x
COUNTY: Cameron
S & B JOB NO.: U2299.200

Exhibit C - Fee Estimate

ACTIVITY CODE	FUNCTION CODE	DESCRIPTION from Attachment B	FIRM	SERVICE	Principal	Director of QC/QA	Project Manager	MAN-HOURS										TOTAL HRS	ESTIMATED FEE	TOTALS	
								Env Manager	Env Scientist	Env Tech	Engineer Structural	Engineer (V)	Engineer (IV)	Engineer (I,II)	Designer (V)	CADD Operator (I)	Secretary				
681022		Illumination Standards Sheets (26 Sheets)	S & B	BASIC											13		13		26	\$2,683.59	
681022		Signing and Pavement Marking Layout Sheets (7 Sheets)	S & B	BASIC											8		15		25	\$2,548.13	
681022		Sign Details Sheets (3 Sheets)	S & B	BASIC											3		10		15	\$1,515.98	
681022		Sign Standards Sheets (14 Sheets)	S & B	BASIC											7		7		14	\$1,445.01	
681022		Pavement Marking Standards Sheets (14 Sheets)	S & B	BASIC											7		7		14	\$1,445.01	
681022		Storm Water Pollution Prevention Plan Sheets (1 Sheets)	S & B	BASIC											1		2		4	\$461.25	
681022		Mainlane SW3P Layouts Sheets (5 Sheets)	S & B	BASIC											3		8		13	\$1,361.16	
681022		Environmental Standards Sheets (4 Sheets)	S & B	BASIC											2		2		4	\$412.86	
		Sub Total (163 - Miscellaneous Drafting/Standards Revise sheets)			0	0	11	0	0	0	0	3	75	0	306	167	457	0	1,019		\$110,277.63
	163	MISCELLANEOUS ROADWAY																			
681020		5 Compute and Tabulate Quantities for Revised Limits	S & B	BASIC								1	10			8			19	\$2,877.29	
682120		9 Estimates - Prepare Estimates based on New Specifications and Quantities	S & B	BASIC								1	5			8			14	\$1,990.24	
681022		10 Specifications (Update to 2014 Specifications)	S & B	BASIC								1	10			8			19	\$2,877.29	
681022		10 General Notes (Update to 2014 Specifications)	S & B	BASIC								1	3			8			12	\$1,635.42	
681022		10 Prepare Construction Time Schedule	S & B	BASIC									10			8			18	\$2,677.30	
681022		Two Project Submittals 90% and 100% Assembly of Final Documents (Graphic Files of Plan Sheets and Geopak Files)	S & B	BASIC									4			8	15		27	\$2,773.99	
681022		Sub Total (163 - MISCELLANEOUS ROADWAY)			0	0	0	0	0	0	4	42	0	0	48	55	40	0	149	\$3,096.40	
		Sub Total (163 - MISCELLANEOUS ROADWAY)																			\$17,927.93
	164	GENERAL COORDINATION for Bid Packaging and Letting																			
661002		a Project Manager (Proj Coord)(2 HRS/WK)	S & B	BASIC			20												20	\$4,838.40	
681010		b Project Manager Weekly Meeting (Prog. Rpts)	S & B	BASIC			10						10		20			10	50	\$7,418.80	
681010		c Proj. Meetings (DCC, 90% and 100% Submittals)	S & B	BASIC		16	8						8			8		4	44	\$8,902.76	
681010		c Prepare Proj. Meetings Notes	S & B	BASIC									2					4	6	\$612.86	
681004		e Project Secretary /CLERICAL (2 hrs/week)	S & B	BASIC														20	20	\$1,290.20	
		Sub Total (164 - GENERAL COORDINATION for Bid Packaging and Letting)			0	16	38	0	0	0	0	20	0	0	20	8	0	38	140		\$23,063.02
		Sub Total (102 - 170)			0	16	50	2	4	12	7	139	0	326	233	522		38	1,349		\$155,574.74
	350	CONSTRUCTION PHASE SERVICES																			
681040		CONSTRUCTION BIDDING	S & B	SPECIAL															0	\$0.00	
681040		RFI'S/Addendums	S & B	SPECIAL			16					16	16			24			72	\$12,618.72	
681040		Pre Bid Conference	S & B	SPECIAL			6						6	6		6		6	30	\$4,548.12	
681040		Bid Opening	S & B	SPECIAL			4						4						8	\$1,677.32	
681040		Bid Tabulation/Recommendation of Award	S & B	SPECIAL			2						2	2		40		4	50	\$5,935.26	
681040		DURING CONSTRUCTION	S & B	SPECIAL														0		\$0.00	
681040		Attend Preconstruction Meeting	S & B	SPECIAL			6						6	6		6		6	30	\$4,548.12	
681040		Review of Shop Drawings	S & B	SPECIAL																	
681040		Concrete Mix Design	S & B	SPECIAL											6			6		\$774.12	
681040		Hot Mix Design	S & B	SPECIAL											6			6		\$774.12	
681040		Field Inspection and Material Testing	S & B	SPECIAL															0	\$0.00	
681040		Project Inspection	DOS	SPECIAL																\$106,827.00	
681040		Material Testing	Ealico	SPECIAL																\$78,365.00	
681040		Progress Review	S & B	SPECIAL																	
681040		Construction Meetings	S & B	SPECIAL								208						208		\$36,901.28	
681040		Prepare Construction Meetings Notes	S & B	SPECIAL								52						52	104	\$12,579.84	
681040		Construction Management (Project Manager)	S & B	SPECIAL																	
681040		Project Manager (Proj Coord)(3 HRS/WK)	S & B	SPECIAL			105												105	\$25,401.60	
681040		Project Manager Weekly Meeting (Prog. Rpts)	S & B	SPECIAL			35												35	\$8,467.20	
681040		Project Secretary /CLERICAL (2 hrs/week)	S & B	SPECIAL														70		\$4,515.70	
		Sub Total (350 - CONSTRUCTION PHASE SERVICES)			0	0	174	0	0	0	16	294	14	12	76	0	138		724		\$303,933.40
		LABOR TOTALS																			\$470,269.39

PROJECT: SH 550 Revise Plans and CM
CLIENT: CCRMA
CONTRACT: x
CSJ: x
COUNTY: Cameron
S & B JOB NO.: U2299.200

ACTIVITY CODE	FUNCTION CODE	DESCRIPTION from Attachment B	CADD Operator (1)	Secretary	TOTAL HRS	ESTIMATED FEE	TOTALS
		Total Hours	522	176	2,073		
		CONTRACT RATES: (\$/MAN HOUR)	77.41	64.51			
		BASE RATES: (\$/MAN HOUR)	24.00	20.00			
	160	NON LABOR					
52300		a FedEx Courier				\$400.00	
50550		b Outside reproduction				\$1,000.00	
52400		e Travel - Mileage During Plans Update	11e (\$/mi.) =	\$ 0.585		\$140.40	
52400		e Travel to District Area Office- Mileage	11e (\$/mi.) =	\$ 0.585		\$11.70	
52399		e Travel - Mileage During CM -- CCRMA Move	11e (\$/mi.) =	\$ 0.585		\$702.00	
52400		e Travel - Mileage During CM _Project Site	11e (\$/mi.) =	\$ 0.585		\$4,867.20	
		Sub Total (F.C. 160)					\$7,121.30
		NON LABOR TOTAL				\$7,121.30	
		BASIC SERVICE TOTAL				\$ 160,196.20	
		PROJECT TOTAL					\$477,390.69